

JVC

SERVICE MANUAL

WIDE LCD PANEL TELEVISION

**LT-23C50BJ, LT-23C50BU,
LT-23C50BU_{IZ}, LT-23C50SU,
LT-23C50SU_{IZ}, LT-23C88SJ**

InteriArt

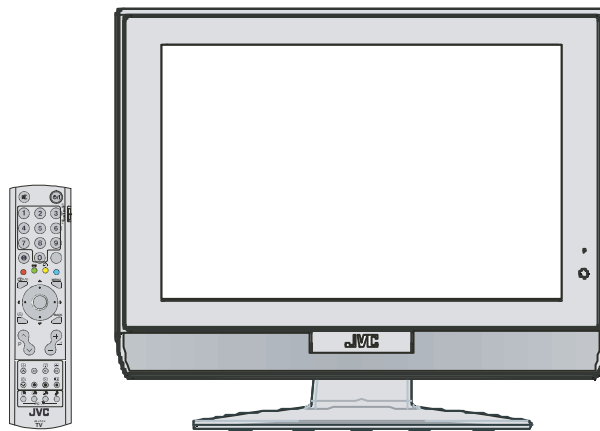


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SPECIFICATION

Items		Contents
Dimensions (W × H × D)		61.4cm × 48.2cm × 24.0cm [Included stand] 61.4cm × 43.8cm × 7.9cm [TV only]
Mass		7.4kg [Included stand] 6.4kg [TV only]
Power Input		AC100V to AC240 V, 50 Hz
Power Consumption		108W (Standby: 3.0W)
TV RF System		CCIR B/G, I, D/K, L
Colour System		PAL / SECAM / NTSC 3.58 / NTSC 4.43 (NTSC: EXT only).
Stereo System		A2 (B/G, D/K), NICAM (B/G, I, D/K, L)
Teletext System		FLOF (Fastext), TOP, WST (World Standard System)
Receiving Frequency	VHF UHF CATV	47MHz to 470MHz 470MHz to 862MHz 116MHz to 172MHz / 220MHz to 469MHz
Intermediate Frequency	VIF SIF	38.9MHz(B/G, D/K, I) 33.4MHz(5.5MHz:B/G) / 32.9MHz(6.0MHz:I) / 32.4MHz(6.5MHz:L,D/K)
Colour Sub Carrier Frequency	PAL SECAM NTSC	4.43MHz 4.40625MHz / 4.25MHz 3.58MHz / 4.43MHz
LCD Panel		23V-inch wide aspect (15:9)
Screen Size		Diagonal : 58.3cm (H:50.8cm × V : 28.6cm)
Display Pixels		Horizontal : 1280 dots × Vertical : 768 dots (W-XGA)
Audio Power Output		5W + 5W(10% THD)
Speaker		3cm, oval type × 2
Aerial Terminal (VHF/UHF)		75Ω unbalanced, coaxial
EXT-1 / EXT-2 (Input / Output)		21-pin Euro connector (SCART socket) × 2
EXT-3(Input)	Component Video 625p / 525p / 625i / 525i Audio	RCA pin jack × 3 Y : 1V (p-p), Positive (Negative sync provided), 75 Ω Cb/Cr : 0.7V(p-p), 75 Ω 500mV(rms) (-4dBs), high impedance, RCA pin jack × 2
EXT-4 (Input)	S-Video Video Audio	Mini-DIN 4 pin × 1 Y: 1V (p-p), Positive (Negative sync provided), 75 Ω C: 0.286V (p-p) (Burst signal), 75 Ω 1V (p-p), Positive (Negative sync provided), 75 Ω, RCA pin jack × 1 500mV (rms), High impedance, RCA pin jack × 2
PC (RGB) Input		D-sub 15pin × 1 R/G/B : 0.7V (p-p), 75Ω HD / VD : 1V (p-p) to 5V (p-p), high impedance < Available signal > VGA : 640 pixels × 480 pixels (Horizontal : 31.5kHz / Vertical : 60Hz) XGA : 1024 pixels × 768 pixels (Horizontal : 48.4kHz / Vertical : 60Hz)
PC AUDIO Input		3.5mm stereo mini jack × 1
Audio Output		500mV (rms), Low impedance, RCA pin jack × 2
Subwoofer Output		More than 0 to 1000mV (rms) (+2.2dBs), low impedance (80Hz when modulated 100%), RCA pin jack × 1
Headphone		3.5mm stereo mini jack × 1
Remote Control Unit		RM-C1860 (AA/R6 dry cell battery × 2)

Design & specifications are subject to change without notice.

SECTION 1

PRECAUTION

1.1 SAFETY PRECAUTIONS

- (1) The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.
- (2) Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.
- (3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. **Electrical components having such features are identified by shading on the schematics and by (Δ) on the parts list in Service manual.** The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.
- (4) **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**
Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (\perp) side GND, the ISOLATED (NEUTRAL) : (\equiv) side GND and EARTH : (\oplus) side GND.
Don't short between the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND and never measure the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND at the same time with a measuring apparatus (oscilloscope etc.). If above note will not be kept, a fuse or any parts will be broken.
- (5) When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

(6) Isolation Check (Safety for Electrical Shock Hazard)

After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screw heads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

a) Dielectric Strength Test

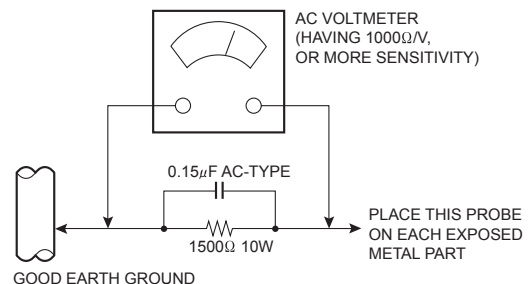
The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 3000V AC (r.m.s.) for a period of one second. (. . . Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.) This method of test requires a test equipment not generally found in the service trade.

b) Leakage Current Check

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.). However, in tropical area, this must not exceed 0.2mA AC (r.m.s.).

Alternate Check Method

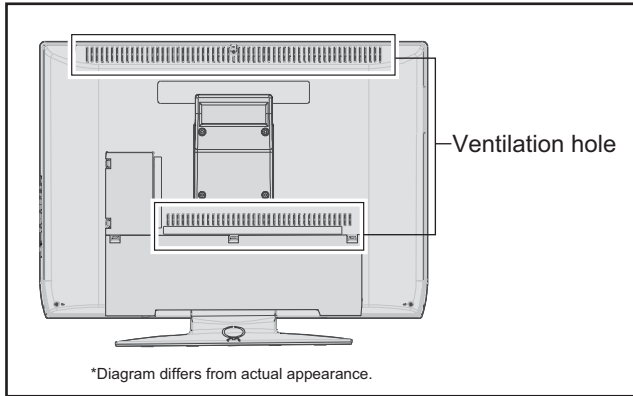
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000 Ω per volt or more sensitivity in the following manner. Connect a 1500 Ω 10W resistor paralleled by a 0.15 μ F AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.). However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).



1.2 INSTALLATION

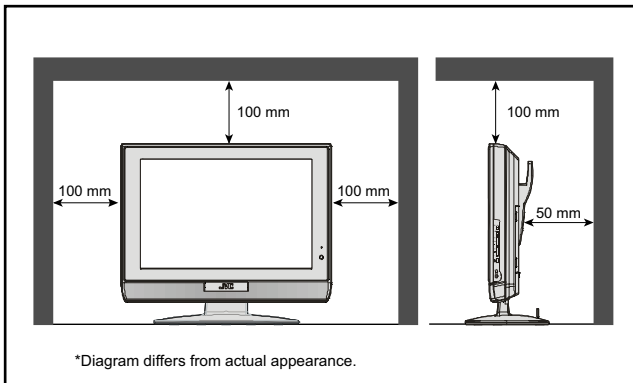
1.2.1 HEAT DISSIPATION

If the heat dissipation vent behind this unit is blocked, cooling efficiency may deteriorate and temperature inside the unit will rise. The temperature sensor that protects the unit will be activated when internal temperature exceeds the pre-determined level and power will be turned off automatically. Therefore, please make sure pay attention not to block the heat dissipation vent as well as the ventilation outlet behind the unit and ensure that there is room for ventilation around it.



1.2.2 INSTALLATION REQUIREMENTS

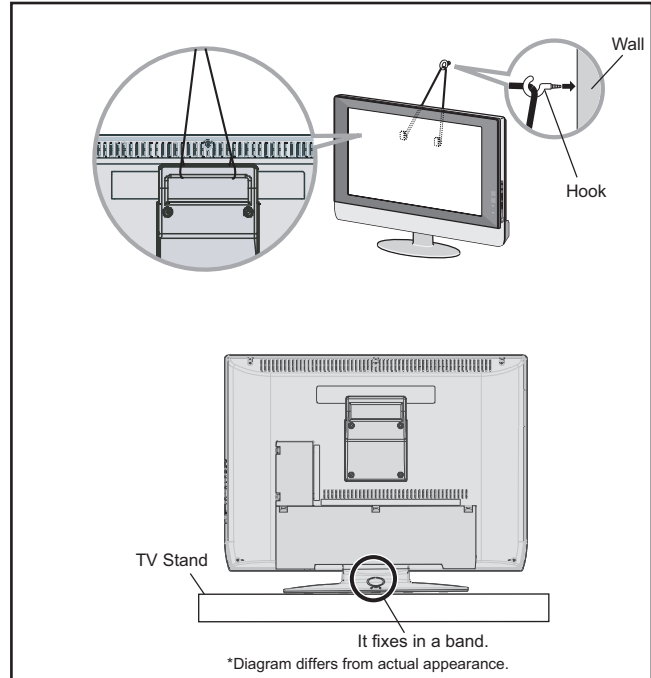
Ensure that the minimal distance is maintained, as specified below, between the unit with and the surrounding walls, as well as the floor etc. Install the unit on stable flooring or stands. Take precautionary measures to prevent the unit from tipping in order to protect against accidents and earthquakes.



1.2.3 INSTALLATION REQUIREMENTS

To ensure safety in an emergency such as an earthquake, and to prevent accidents, ensure that measures are taken to prevent the TV dropping or falling over.

Use the supplied screws to firmly attach the supplied hooks (OPTION) to the back of the TV, and use commercially available cord to fix the TV to rigid components such as walls and columns.



1.2.4 NOTES ON HANDLING

(1) WHEN TAKING UNIT OUT OF A PACKING CASE

When taking the unit out of a packing case, do not grasp the upper part of the unit. If you take the unit out while grasping the upper part, the LCD PANEL may be damaged because of a pressure. Instead of grasping the upper part, put your hands on the lower backside or sides of the unit.

(2) AS FOR PRESSING OR TOUCHING A SPEAKER

Be careful not to press the opening of the speaker in the lower part of the unit and around them since the decorative sheet on the surface of the openings may be deformed.

1.3 HANDLING LCD PANEL

1.3.1 PRECAUTIONS FOR TRANSPORTATION

When transporting the unit, pressure exerted on the internal LCD panel due to improper handling (such as tossing and dropping) may cause damages even when the unit is carefully packed. To prevent accidents from occurring during transportation, pay careful attention before delivery, such as through explaining the handling instructions to transporters.

Ensure that the following requirements are met during transportation, as the LCD panel of this unit is made of glass and therefore fragile:

(1) **USE A SPECIAL PACKING CASE FOR THE LCD PANEL**

When transporting the LCD panel of the unit, use a special packing case (packing materials). A special packing case is used when a LCD panel is supplied as a service spare part.

(2) **ATTACH PROTECTION SHEET TO THE FRONT**

Since the front (display part) of the panel is vulnerable, attach the protection sheet to the front of the LCD panel before transportation. Protection sheet is used when a LCD panel is supplied as a service spare part.

(3) **AVOID VIBRATIONS AND IMPACTS**

The unit may be broken if it is toppled sideways even when properly packed. Continuous vibration may shift the gap of the panel, and the unit may not be able to display images properly. Ensure that the unit is carried by at least 2 persons and pay careful attention not to exert any vibration or impact on it.

(4) **DO NOT PLACE EQUIPMENT HORIZONTALLY**

Ensure that it is placed upright and not horizontally during transportation and storage as the LCD panel is very vulnerable to lateral impacts and may break. During transportation, ensure that the unit is loaded along the traveling direction of the vehicle, and avoid stacking them on one another. For storage, ensure that they are stacked in 2 layers or less even when placed upright.

1.3.2 OPTICAL FILTER (ON THE FRONT OF THE LCD PANEL)

- (1) Avoid placing the unit under direct sunlight over a prolonged period of time. This may cause the optical filter to deteriorate in quality and COLOUR.
- (2) Clean the filter surface by wiping it softly and lightly with a soft and lightly fuzz cloth (such as outing flannel).
- (3) Do not use solvents such as benzene or thinner to wipe the filter surface. This may cause the filter to deteriorate in quality or the coating on the surface to come off. When cleaning the filter, usually use the neutral detergent diluted with water. When cleaning the dirty filter, use water-diluted ethanol.
- (4) Since the filter surface is fragile, do not scratch or hit it with hard materials. Be careful enough not to touch the front surface, especially when taking the unit out of the packing case or during transportation.

1.3.3 PRECAUTIONS FOR REPLACEMENT OF EXTERIOR PARTS

Take note of the following when replacing exterior parts (REAR COVER, FRONT PANEL, etc.):

- (1) Do not exert pressure on the front of the LCD panel (filter surface). It may cause irregular COLOUR.
- (2) Pay careful attention not to scratch or stain the front of the LCD panel (filter surface) with hands.
- (3) When replacing exterior parts, the front (LCD panel) should be placed facing downward. Place a mat, etc. underneath to avoid causing scratches to the front (filter surface).

SECTION 2

SPECIFIC SERVICE INSTRUCTIONS

2.1 FEATURES

T-V LINK

When you have a T-V LINK compatible VCR connected to the EXT-2 Terminal on the TV, it is easier to set up the VCR and to view videos.

ZOOM

This function can change the screen size according to the picture aspect ratio.

OFF TIMER

This function can set the TV to automatically turn off after a set time.

COLOUR SYSTEM

If the picture is not clear or no colour appears, change the current colour system to another colour system.

2.2 MAIN DIFFERENCE LIST

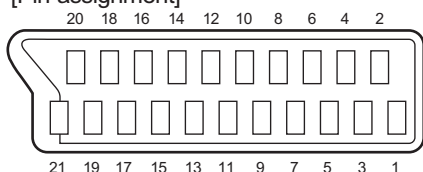
Items	LT-23C50BU	LT-23C50SU	LT-23C50BU/Z	LT-23C50SU/Z	LT-23C50BJ	LT-23C88SJ
CABINET COLOUR	BLACK	SILVER	BLACK	SILVER	BLACK	SILVER
POWER CORD	EU type(2-pin)	←	SWE Type(3-pin) EU type(2-pin)	←	UK type(3-pin)	←

2.3 21-PIN EURO CONNECTOR (SCART) : EXT-1 / EXT-2

Pin No.	Signal designation	Matching value	EXT-1	EXT-2
1	AUDIO R output	500mV(rms) (Nominal),, Low impedance	Used (TV OUT)	Used (LINE OUT)
2	AUDIO R input	500mV(rms) (Nominal),, High impedance	Used (R1)	Used (R2)
3	AUDIO L output	500mV(rms) (Nominal),, Low impedance	Used (TV OUT)	Used (LINE OUT)
4	AUDIO GND		Used	Used
5	GND (B)		Used	Used
6	AUDIO L input	500mV(rms) (Nominal),, High impedance	Used (L1)	Used (L2)
7	B input	700mV _(B-W) , 75Ω	Used	Used
8	FUNCTION SW (SLOW SW)	Low : 0V-3V High : 8V-12V, High impedance	Used	Used
9	GND (G)		Used	Used
10	SCL / T-V LINK		Not used	Used (SCL2 / TV-LINK)
11	G input	700mV _(B-W) , 75Ω	Used	Used
12	SDA		Not used	Used (SDA2)
13	GND (R)		Used	Used
14	GND (YS)		Used	Not used
15	R / C input	R : 700mV _(B-W) , 75Ω C : 300mV _(P-P) , 75Ω	Used (R)	Used (C2/R)
16	Ys input (FAST SW)	Low : 0V-0.4V, High : 1V-3V, 75Ω	Used	Used
17	GND (VIDEO output)		Used	Used
18	GND (VIDEO input)		Used	Used
19	VIDEO output	1V _(P-P) (Negative sync), 75Ω	Used (TV OUT)	Used (LINE OUT)
20	VIDEO / Y input	1V _(P-P) (Negative sync), 75Ω	Used	Used
21	COMMON GND		Used	Used

(P-P= Peak to Peak, B-W= Blanking to white peak)

[Pin assignment]



2.4 TECHNICAL INFORMATION

2.4.1 LCD PANEL

This unit uses the flat type panel LCD (Liquid Crystal Display) panel that occupies as little space as possible, instead of the conventional CRT (Cathode Ray Tube), as a display unit.

Since the unit has the two polarizing filter that are at right angles to each other, the unit adopts "normally black" mode, where light does not pass through the polarizing filter and the screen is black when no voltage is applied to the liquid crystals.

2.4.1.1 SPECIFICATIONS

The following table shows the specifications of this unit.

Item	Specifications	Remarks
Displayed colour	16777216 colours	256 colours for R, G, and B
Brightness	500cd/m ²	
Contrast ratio	800: 1	
Response time	25ms	
View angle	Horizontally: 176°, Vertically: 170°	

2.4.1.2 PIXEL FAULT

There are three pixel faults - bright fault , dark fault and flicker fault - that are respectively defined as follows.

■ BRIGHT FAULT

In this pixel fault, a cell that should not light originally is lighting on and off.

For checking this pixel fault, input ALL BLACK SCREEN and find out the cell that is lighting on and off.

■ DARK FAULT

In this pixel fault, a cell that should light originally is not lighting or lighting with the brightness twice as brighter as originally lighting.

For checking this pixel fault, input 100% of each R/G/B colour and find out the cell that is not lighting.

■ FLICKER FAULT

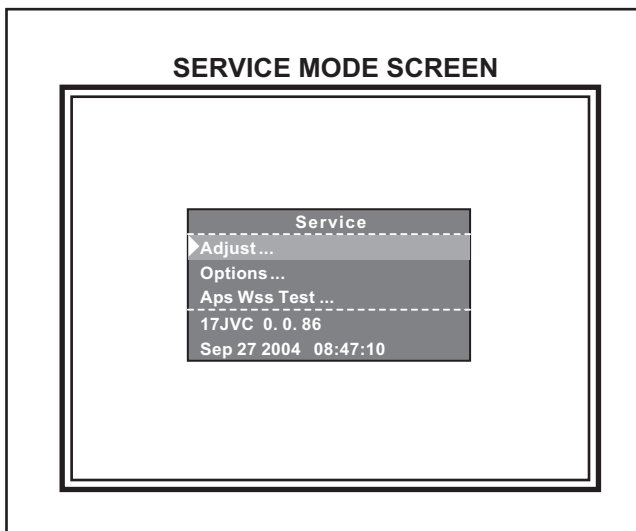
In the pixel fault, a cell that should light originally or not light originally is flashing on and off.

For checking this pixel fault, input ALL BLACK SCREEN signal or 100% of each RGB colour and find out the cell that is flashing on and off.

2.5 BASIC OPERATION OF SERVICE MODE

2.5.1 HOW TO ENTER THE SERVICE MODE

- (1) Press **[INFORMATION]** key and **[MUTING]** key on the remote control unit simultaneously to enter the SERVICE MODE SCREEN.



2.5.2 HOW TO EXIT THE SERVICE MODE

Press the **[MENU]** key to exit the Service mode.

2.5.3 CHANGE AND MEMORY OF SETTING VALUE

■ SELECTION OF SETTING MENU & ITEM

- **[FUNCTION ▲/▼]** key : Select the SETTING MENU & ITEM
- **[OK]** key : Decision the SETTING MENU & ITEM

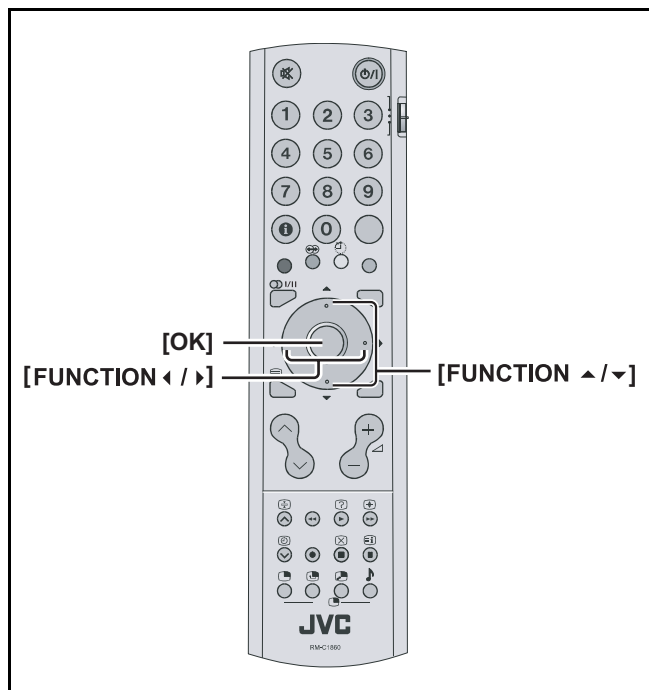
■ CHANGE OF SETTING VALUE (DATA)

- **[FUNCTION ◀/▶]** key.

■ MEMORY OF SETTING VALUE (DATA)

The setting value will be stored automatically when release the REMOTE CONTROL UNIT keys

2.5.4 SERVICE MODE SELECT KEY LOCATION



2.5.5 SERVICE MODE SETTING ITEMS

Setting menu	Setting items	Contents
Adjust	Group	----
	Mode	----
	Col. Temp.	----
	Contrast	----
	Brightness	----
	Colour	----
	Sharpness	----
	Red	----
	Green	----
	Blue	----
	Aps Volume	----
Option 1	First APS	If ON, TV starts with APS menu at Start-up
	BG	----
	DK	----
	I	----
	L	----
	L'	----
	FM Prs Avl On	Adjusts the FM Prescaler value, when Automatic Volume Levelling is On
	Nicam Prs Avl On	Adjusts the Nicam Prescaler value, when Automatic Volume Levelling is On
	Scart Prs Avl On	Adjusts the Scart Volume value, when Automatic Volume Levelling is On
	Scart Volume Avl On	Adjusts the Scart Volume value, when Automatic Volume Levelling is On
Option 2	FM Prs Avl Off	Adjusts the FM Prescaler value, when Automatic Volume Levelling is Off
	Nicam Prs Avl Off	Adjusts the Nicam Prescaler value, when Automatic Volume Levelling is Off
	Scart Prs Avl Off	Adjusts the Scart Prescaler value, when Automatic Volume Levelling is Off
	Scart Volume Avl Off	Adjusts the Scart Volume value, when Automatic Volume Levelling is On
	Avl	Enable/disable Automatic Volume Levelling System
	Sound	----
	Carrier	----
	LDLY	----
	AGC	----
	Aps Wss Test	Programme
Aps Wss Test	VPS	----
	Scart Volume Avl Off	----
	Pdc Format 1	----
	Pdc Format 2	----
	Name	----
	WSS	----

SECTION 3 DISASSEMBLY

3.1 DISASSEMBLY PROCEDURE

NOTE:

- Make sure that the power cord is disconnected from the outlet.
- Pay special attention not to break or damage the parts.
- When removing each board, remove the connectors as required.
- Taking notes of the connecting points (connector numbers) makes service procedure manageable.
- Make sure that there is no bent or stain on the connectors before inserting, and firmly insert the connectors.

3.1.1 REMOVING THE STAND UNIT

- Remove the TFT DOOR SOCKET / AV DOOR SOCKET.
 - (1) Remove the 2 screws [A], then remove the FOOT TOP COVER.
 - (2) Remove the 4 screws [B], then remove the STAND UNIT.

3.1.2 REMOVING THE HANDLE

- Remove the STAND UNIT.
 - (1) Remove the 4 screws [C].
 - (2) Remove the HANDLE.

3.1.3 REMOVING THE BACK COVER

- Remove the STAND UNIT.
- Remove the HANDLE.
 - (1) Remove the 5 screws [D].
 - (2) Remove the BACK COVER toward you.

3.1.4 REMOVING THE AV JACK PWB

- Remove the STAND UNIT.
- Remove the HANDLE.
- Remove the BACK COVER.
 - (1) Remove the 2 screws [E].
 - (2) Remove the AV JACK PWB.

3.1.5 REMOVING THE BRACKET SCART

- Remove the STAND UNIT.
- Remove the HANDLE.
- Remove the BACK COVER.
- Remove the AV JACK PWB.
 - (1) Remove the 2 screws [F].
 - (2) Remove the BRACKET SCART.

3.1.6 REMOVING THE MAIN PWB

- Remove the STAND UNIT.
- Remove the HANDLE.
- Remove the BACK COVER.
- Remove the BRACKET SCART.
 - (1) Remove the 7 screws [G].
 - (2) Remove the MAIN PWB.

3.1.7 REMOVING THE MAIN FRAME

- Remove the STAND UNIT / HANDLE & BACK COVER.
- Remove the BRACKET SOCKET & BRACKET SCART.
- Remove the MAIN PWB.
 - (1) Remove the 18 screws [H].
 - (2) Remove the MAIN FRAME.

3.1.8 REMOVING THE LCD PANEL UNIT

- Remove the STAND UNIT, HANDLE & BACK COVER.
- Remove the BRACKET SCART & MAIN PWB.
- Remove the MAIN FRAME & INVERTER PWB / FRAME.
 - (1) Remove the 1 screws [I].
 - (2) Follow the same step when removing the other hand DISPLAY SUPPORT.
 - (3) Slightly raise the both sides of the LCD PANEL UNIT by hand from the FRONT COVER.

NOTE:

- Pay special attention not to break or damage on the LCD PANEL face or frame.
- The LCD PANEL UNIT is fixed to the FRONT COVER (at the back side) by using double-side adhesive tapes. To remove the LCD PANEL UNIT, remove the adhesive tape on the FRONT PANELS slowly.

3.1.9 REMOVING THE SPEAKERS

- Remove the STAND UNIT, HANDLE & BACK COVER.
 - (1) Remove the 2 screws [J] from each speaker.
 - (2) Remove the SPEAKER from the FRONT COVER.
 - (3) Follow the same when removing the other hand speakers.

3.1.10 REMOVING THE HEADPHONE PWB

- Remove the STAND UNIT, HANDLE & BACK COVER.
 - (1) Remove the 1 screw [K].
 - (2) Remove the HEADPHONE PWB from the FRONT COVER.

3.1.11 REMOVING THE LED PWB

- Remove the STAND UNIT, HANDLE & BACK COVER.
- Remove the BRACKET SOCKET, BRACKET SCART, MAIN PWB, INVERTER FRAME & MAIN FRAME.
 - (1) Remove the 1 screw [L].
 - (2) Remove the LED PWB from the FRONT COVER.

3.1.12 REMOVING THE SIDE CONTROL PWB

- Remove the LED PWB / HEADPHONE PWB.
 - (1) Remove the 2 screws [M].
 - (2) Remove the SIDE CONTROL PWB with control knob.
 - (3) Remove the SIDE CONTROL PWB from control knob.

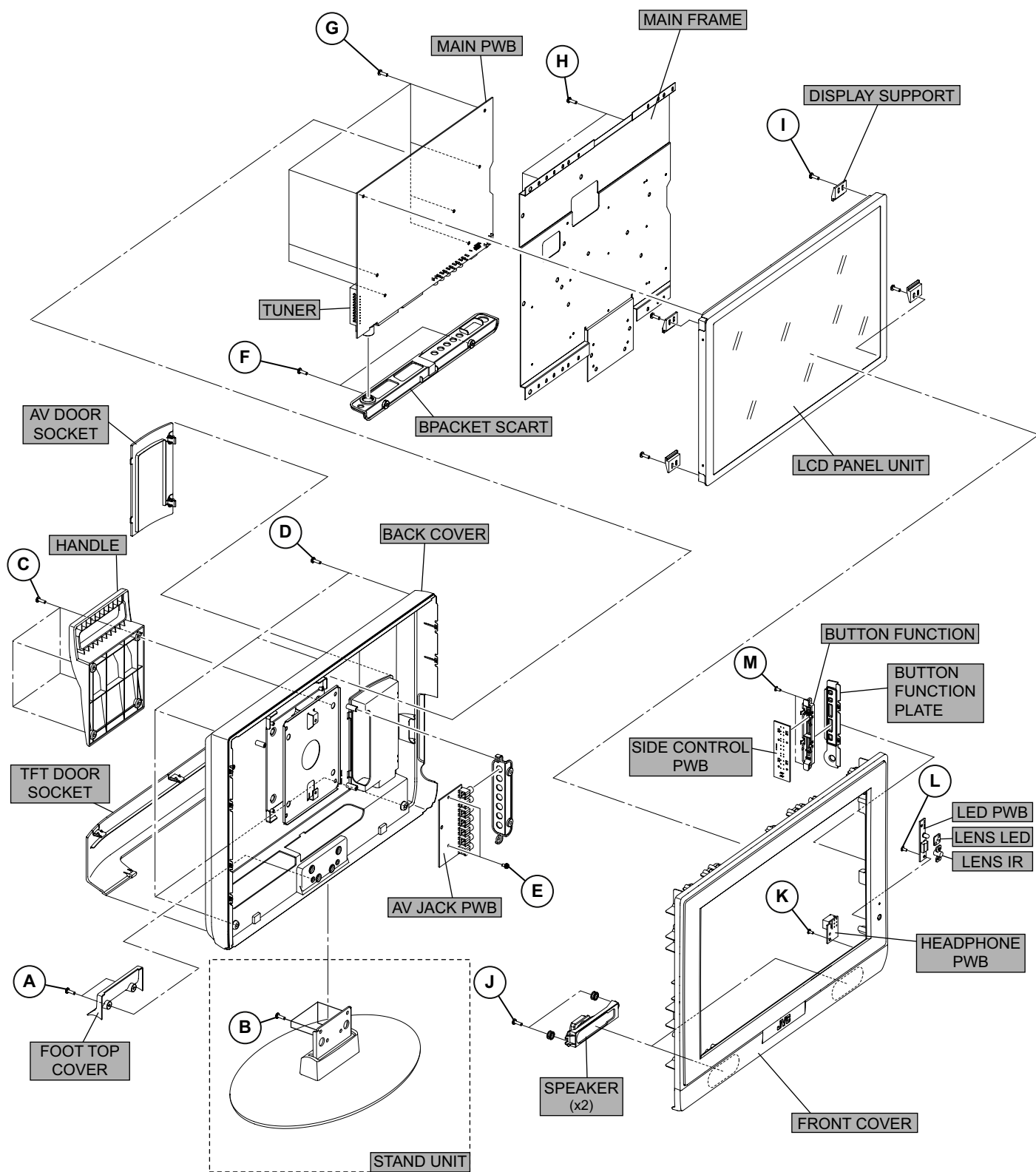


Fig.1

3.2 MEMORY IC REPLACEMENT

- This model uses the memory IC.
- This memory IC stores data for proper operation of the video and drive circuits.
- When replacing, be sure to use an IC containing this (initial value) data.

3.2.1 SETTINGS OF FACTORY SHIPMENT

3.2.1.1 BUTTON OPERATION

Setting item	Setting position
POWER	Off
TV/AV	TV

3.2.1.2 REMOTE CONTROL DIRECT OPERATION

Setting item	Setting position
ZOOM	AUTO

3.2.1.3 REMOTE CONTROL MENU OPERATION

(1) PICTURE

Setting item	Setting position
MODE	Bright
Contrast	33 Step
Bright-1	26 Step
Sharpness	11 Step
Colour	36 Step
Bright-2	31 Step
Colour Temp.	Cool
Noise Red.	Min

(2) SOUND

Setting item	Setting position
Volume	10 Step
Bass	16 Step
Treble	15 Step
Balance	16 Step
Hyper Sound	Off
Sound Mode	Mono

(3) FEATURES

Setting item	Setting position
Sleep Timer	Off
Child Lock	Off
Language	English
EXT-2 Output	TV
Blue Back	Off

(4) Install [TV MODE]

Setting item	Setting position
Colour System	Auto
Decorder(EXT-2)	Off
VCR	Off

(5) Install [EXT MODE]

Setting item	Setting position
Colour System	Auto
VCR	Off

3.3 REPLACEMENT OF CHIP COMPONENT

3.3.1 CAUTIONS

- (1) Avoid heating for more than 3 seconds.
- (2) Do not rub the electrodes and the resist parts of the pattern.
- (3) When removing a chip part, melt the solder adequately.
- (4) Do not reuse a chip part after removing it.

3.3.2 SOLDERING IRON

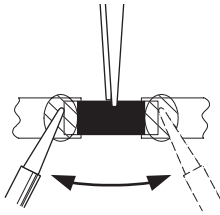
- (1) Use a high insulation soldering iron with a thin pointed end of it.
- (2) A 30w soldering iron is recommended for easily removing parts.

3.3.3 REPLACEMENT STEPS

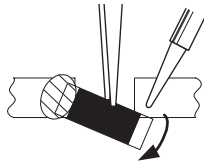
1. How to remove Chip parts

[Resistors, capacitors, etc.]

- (1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.



- (2) Shift with the tweezers and remove the chip part.

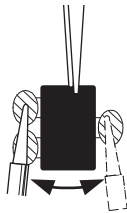


[Transistors, diodes, variable resistors, etc.]

- (1) Apply extra solder to each lead.



- (2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.



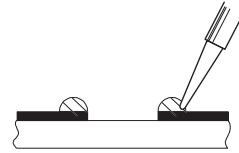
NOTE :

After removing the part, remove remaining solder from the pattern.

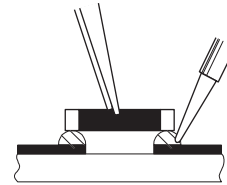
2. How to install Chip parts

[Resistors, capacitors, etc.]

- (1) Apply solder to the pattern as indicated in the figure.

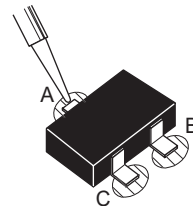


- (2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

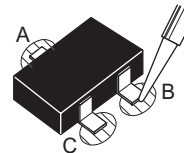


[Transistors, diodes, variable resistors, etc.]

- (1) Apply solder to the pattern as indicated in the figure.
- (2) Grasp the chip part with tweezers and place it on the solder.
- (3) First solder lead **A** as indicated in the figure.



- (4) Then solder leads **B** and **C**.



SECTION 4 ADJUSTMENT

This service manual does not describe ADJUSTMENT.

SECTION 5 TROUBLESHOOTING

This service manual does not describe TROUBLESHOOTING.



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VPT

JVC

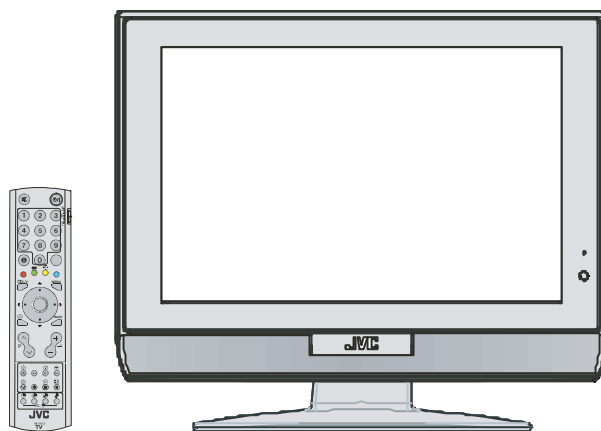
SCHEMATIC DIAGRAMS

WIDE LCD PANEL TELEVISION

**LT-23C50BJ, LT-23C50BU,
LT-23C50BU_{/Z}, LT-23C50SU,
LT-23C50SU_{/Z}, LT-23C88SJ**

CD-ROM No.SML200508

InteriArt




LT-23C50BJ, LT-23C50BU, LT-23C50BU/z, LT-23C50SU, LT-23C50SU/z, LT-23C88SJ

STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1.SAFETY

The components identified by the  symbol and shading are critical for safety. For continued safety replace safety critical components only with manufactures recommended parts.

2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

- (1)Input signal : Colour bar signal
- (2)Setting positions of each knob/button and variable resistor : Original setting position when shipped
- (3)Internal resistance of tester : DC 20k Ω /V
- (4)Oscilloscope sweeping time : H \Rightarrow 20 μ s / div
: V \Rightarrow 5ms / div
: Others \Rightarrow Sweeping time is specified
- (5)Voltage values : All DC voltage values

* Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3.INDICATION OF PARTS SYMBOL [EXAMPLE]

- In the PW board : R209 \rightarrow R209

4.INDICATIONS ON THE CIRCUIT DIAGRAM

(1)Resistors

● Resistance value

- No unit : [Ω]
- K : [k Ω]
- M : [M Ω]

● Rated allowable power

- No indication : 1/16 [W]
- Others : As specified

● Type

- No indication : Carbon resistor
- OMR : Oxide metal film resistor
- MFR : Metal film resistor
- MPR : Metal plate resistor
- UNFR : Uninflammable resistor
- FR : Fusible resistor

* Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2)Capacitors

● Capacitance value

- 1 or higher : [pF]
- less than 1 : [μ F]

● Withstand voltage

- No indication : DC50[V]
- Others : DC withstand voltage [V]
- AC indicated : AC withstand voltage [V]

* Electrolytic Capacitors

47/50[Example]: Capacitance value [μ F]/withstand voltage[V]

●Type

- No indication : Ceramic capacitor
- MM : Metalized mylar capacitor
- PP : Polypropylene capacitor
- MPP : Metalized polypropylene capacitor
- MF : Metalized film capacitor
- TF : Thin film capacitor
- BP : Bipolar electrolytic capacitor
- TAN : Tantalum capacitor

(3)Coils

- No unit : [μ H]
- Others : As specified

(4)Power Supply



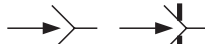
-  : B1
-  : B2 (12V)
-  : 9V
-  : 5V

* Respective voltage values are indicated





(5)Test point

-  : Test point
-  : Only test point display



(6)Connecting method

-  : Connector
-  : Wrapping or soldering
-  : Receptacle

(7)Ground symbol

-  : LIVE side ground
-  : ISOLATED(NEUTRAL) side ground
-  : EARTH ground
-  : DIGITAL ground

5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : () side GND and the ISOLATED(NEUTRAL) : () side GND. Therefore, care must be taken for the following points.

- (1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. If the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.
- (2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected, a fuse or any parts will be broken.

◆ Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.

NOTE

◆ Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in the part list.

When ordering parts, please use the numbers that appear in the Parts List. (No.YA220)2-1

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HEADPHONE JACK PWB PATTERN 2-26

USING P.W. BOARD

P.W.B ASS'Y name	LT-23C50BJ	LT-23C50BU	LT-23C50BU/Z	LT-23C50SU	LT-23C50SU/Z	LT-23C88SJ
MAIN P.W. BOARD	VE-20182807	VE-20180595	←	←	←	←
SIDE CONTROL P.W. BOARD	VE-20174624	←	←	←	←	←
LED P.W. BOARD	VE-20174629	←	←	←	←	←
AV JACK P.W. BOARD	VE-20177847	←	←	←	←	←
HEADPHONE JACK P.W. BOARD	VE-20177874	←	←	←	←	←

SEMICONDUCTOR SHAPES

TRANSISTOR

BOTTOM VIEW	FRONT VIEW				TOP VIEW
					CHIP TR

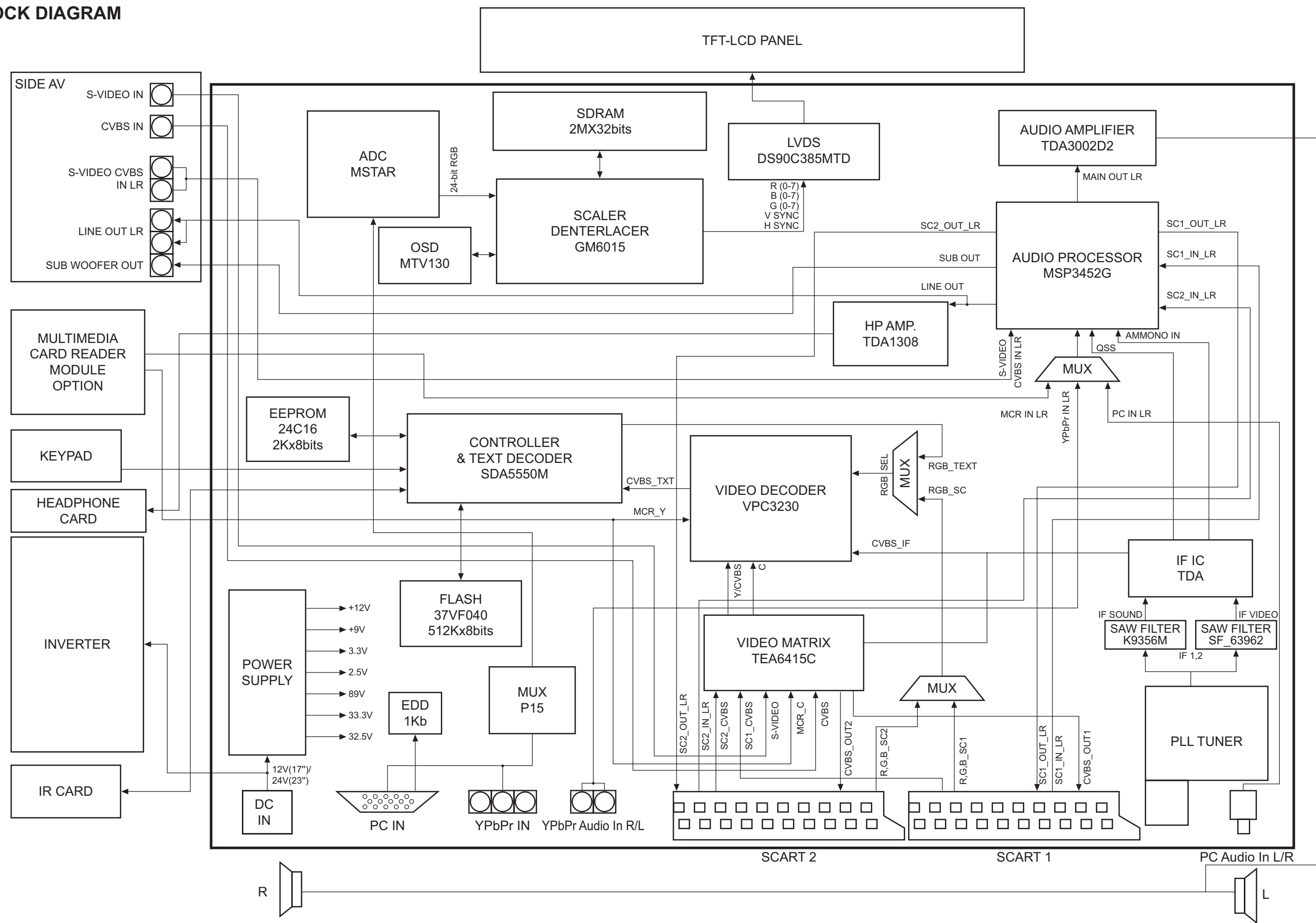
IC

BOTTOM VIEW	FRONT VIEW			TOP VIEW

CHIP IC

TOP VIEW		

BLOCK DIAGRAM



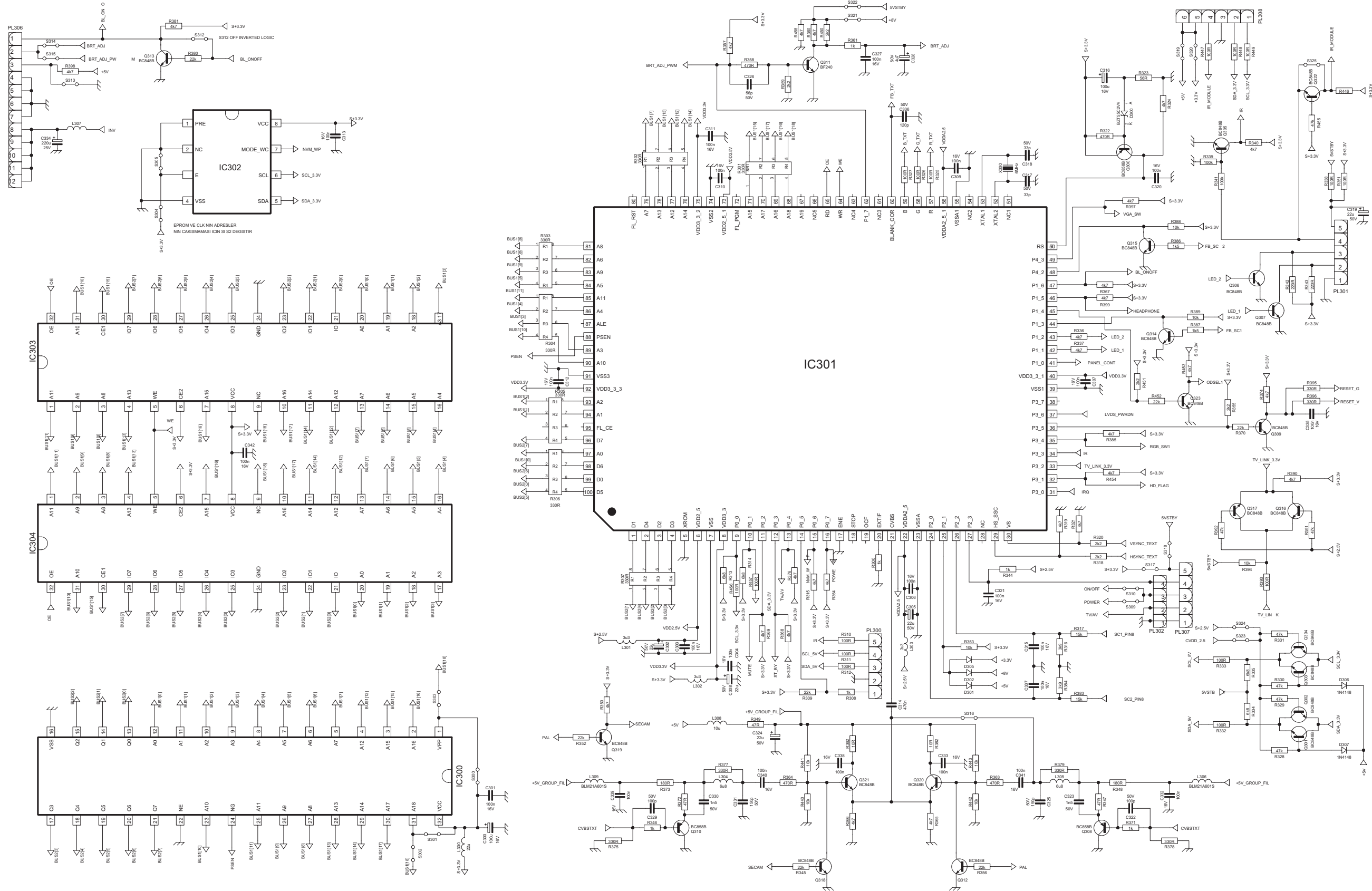
MAIN PWB ASS'Y (2/8)

VE-20182807 [LT-23C50BJ]

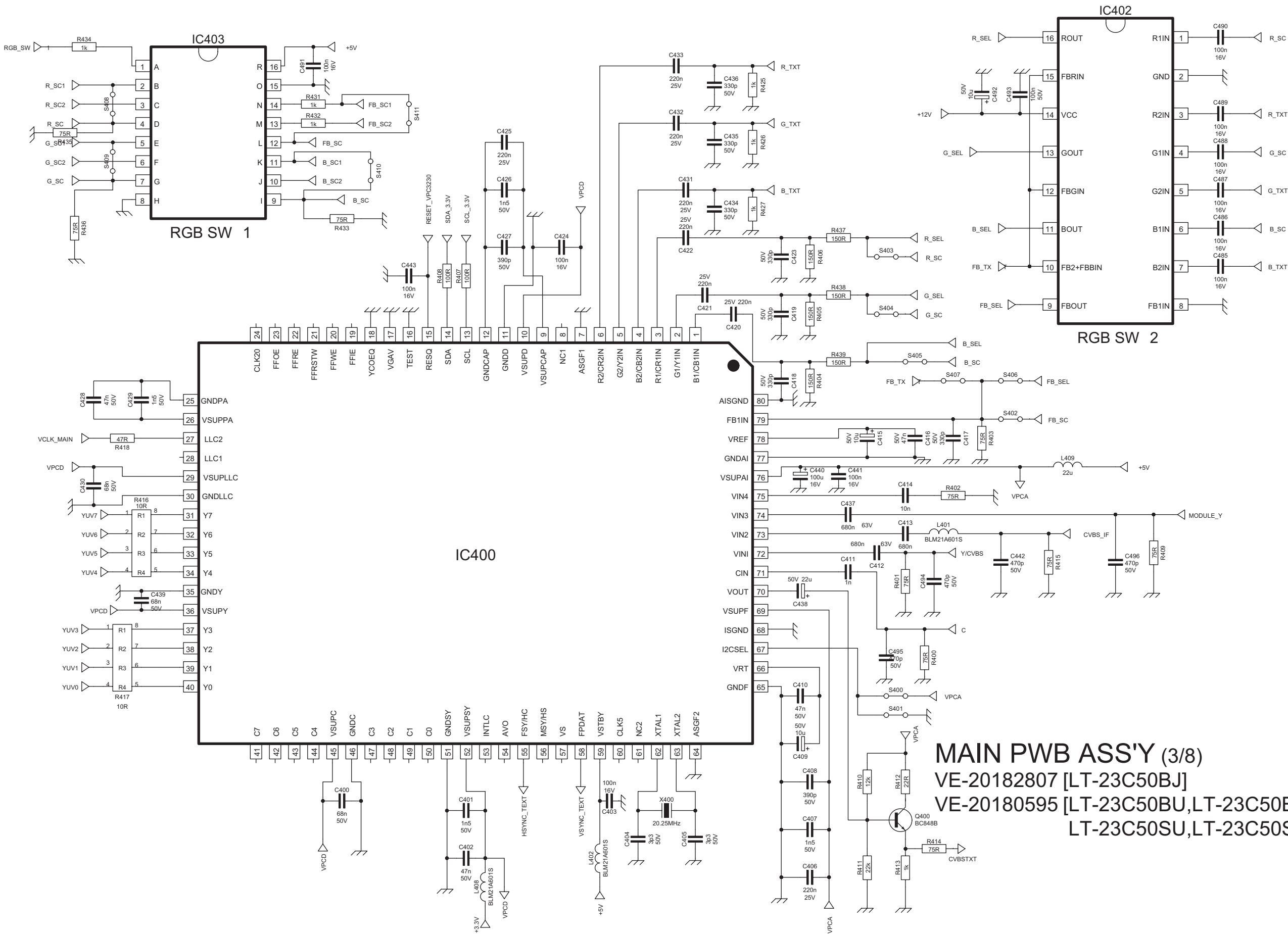
VE-20180595 [LT-23C50BU,LT-23C50BU/Z,

LT-23C50SU,LT-23C50SU/Z,LT-23C88SJ]

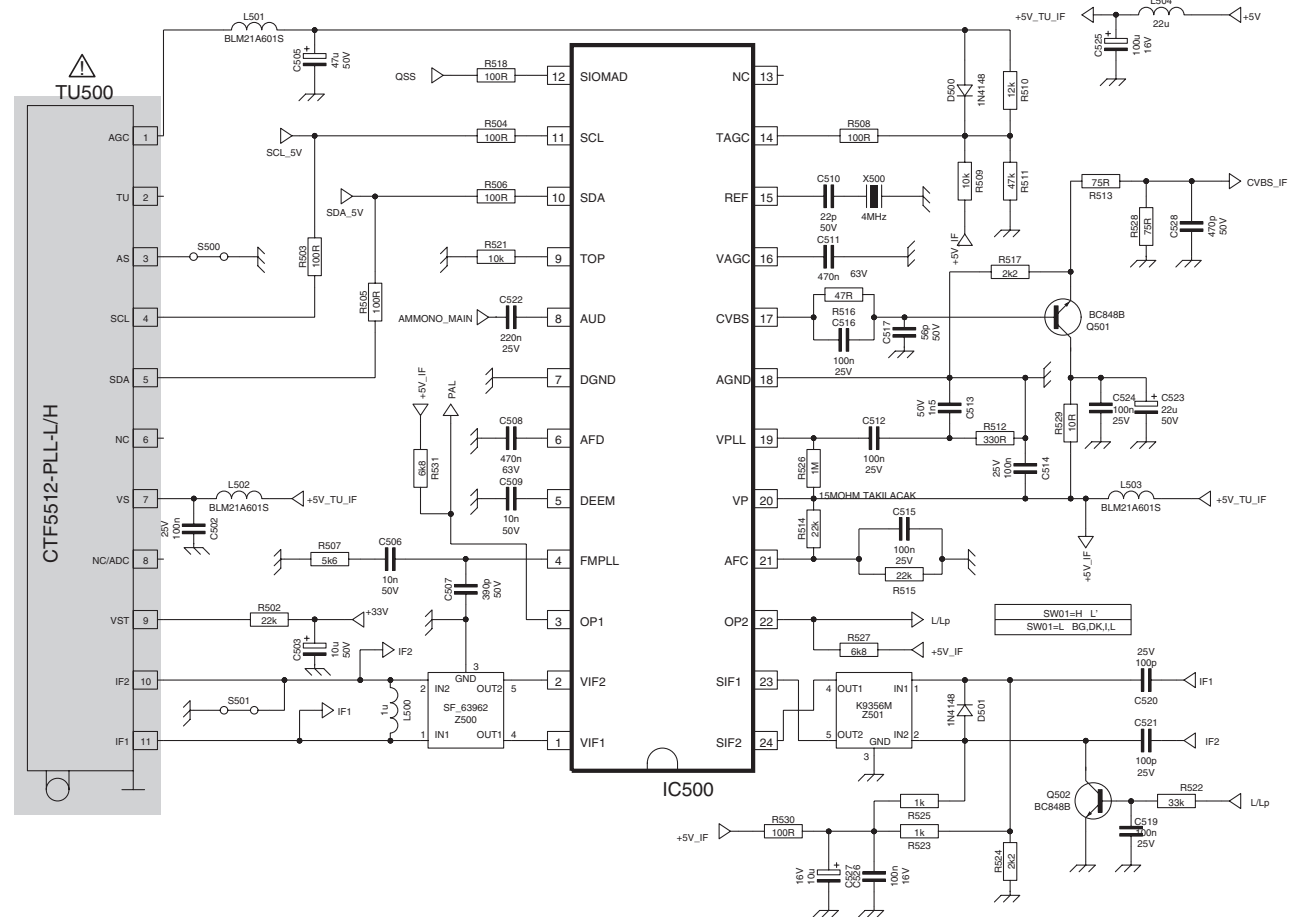
NOTE : Refer to the part list for the part number of IC301 and IC302.



MAIN PWB CIRCUIT DIAGRAM (3/8)

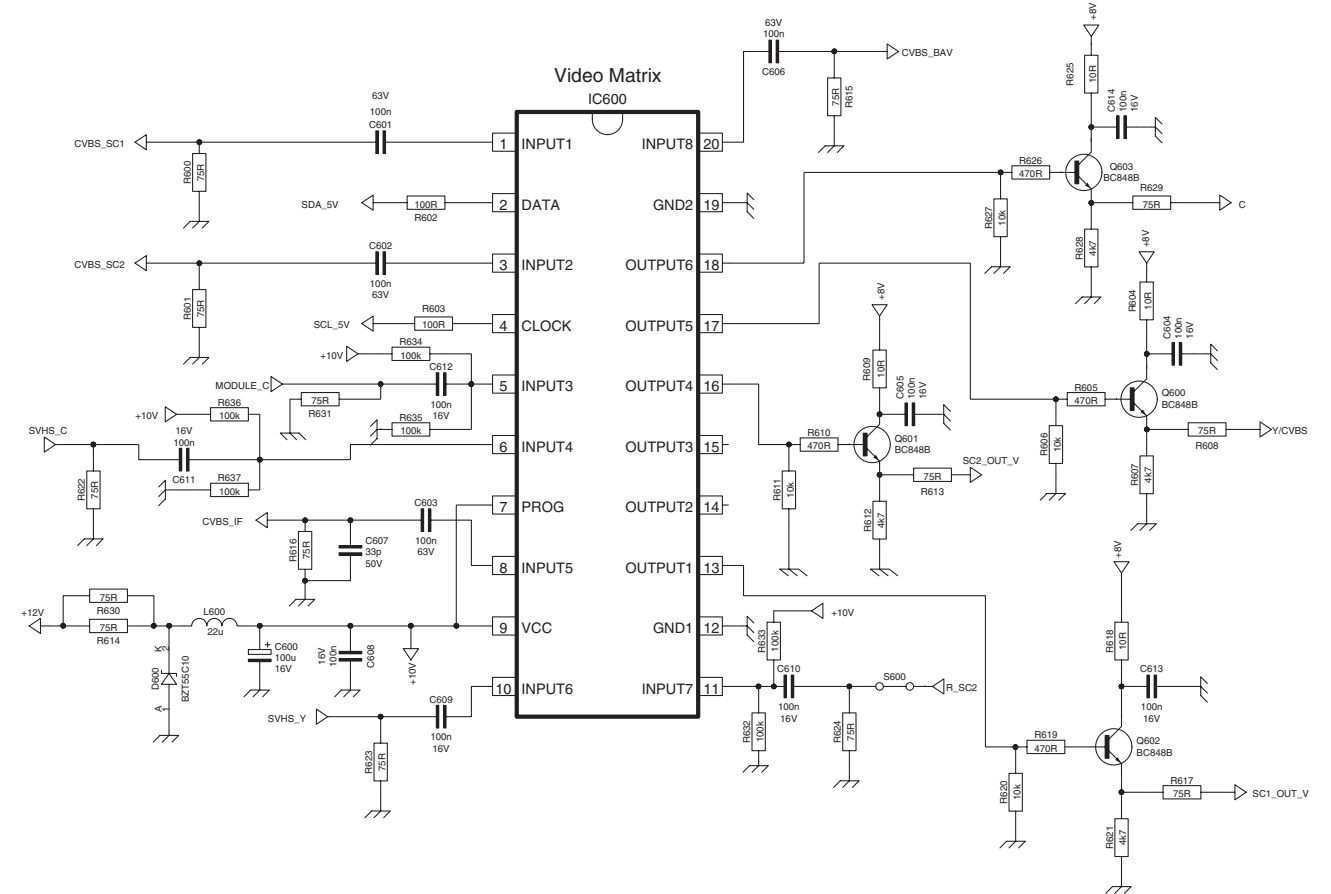


MAIN PWB ASS'Y (3/8)
VE-20182807 [LT-23C50BJ]
VE-20180595 [LT-23C50BU,LT-23C50BU/Z,
LT-23C50SU,LT-23C50SU/Z,LT-23C88SJ]



VE-20182807 [LT-23C50BJ]

VE-20180595 [LT-23C50BU,

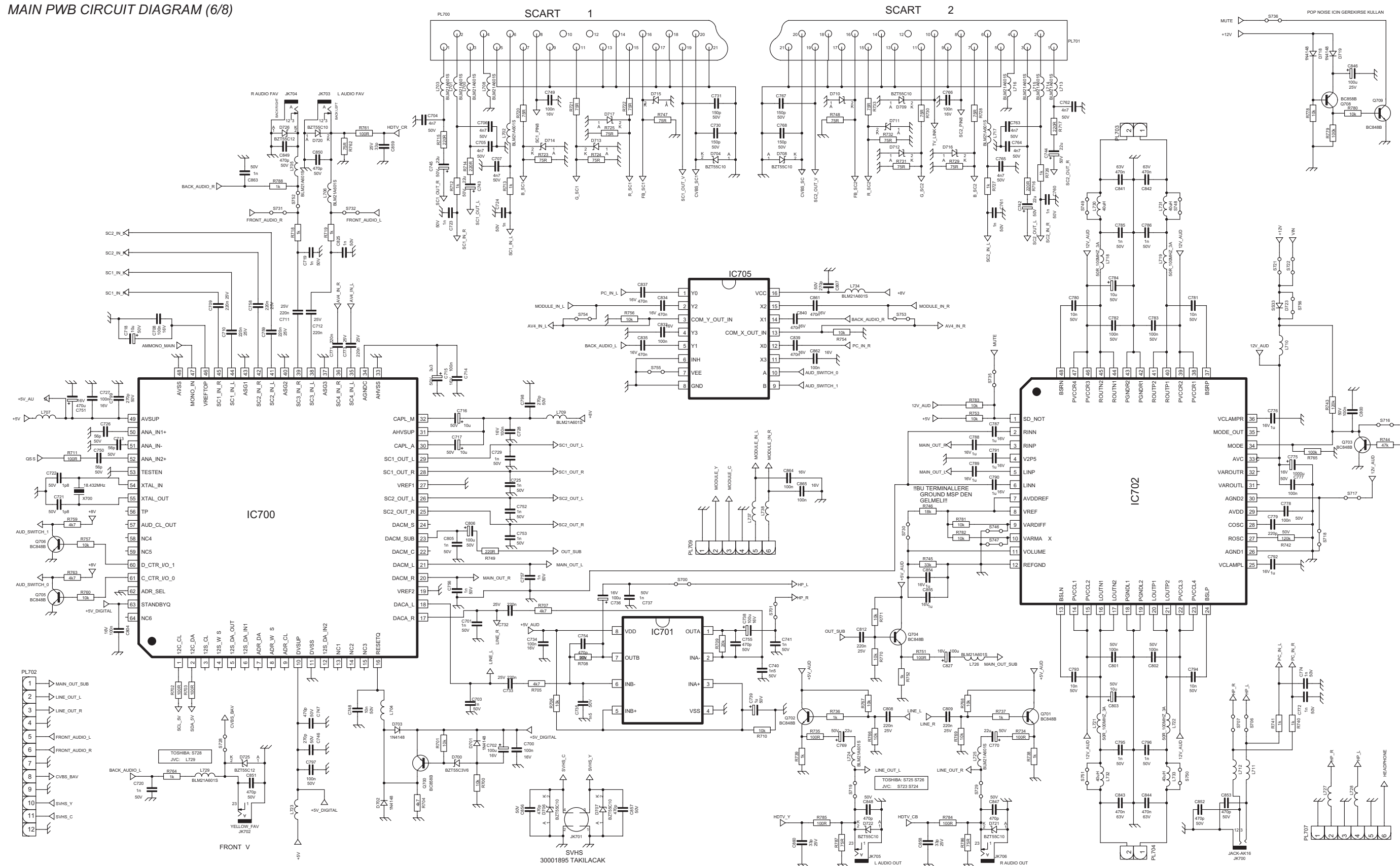


VE-20182807 [LT-23C50BJ]

VE-20180595 [LT-23C50BU,

LT-23C50SU,LT-23C50SU/Z,LT-23C88SJ]

MAIN PWB CIRCUIT DIAGRAM (6/8)

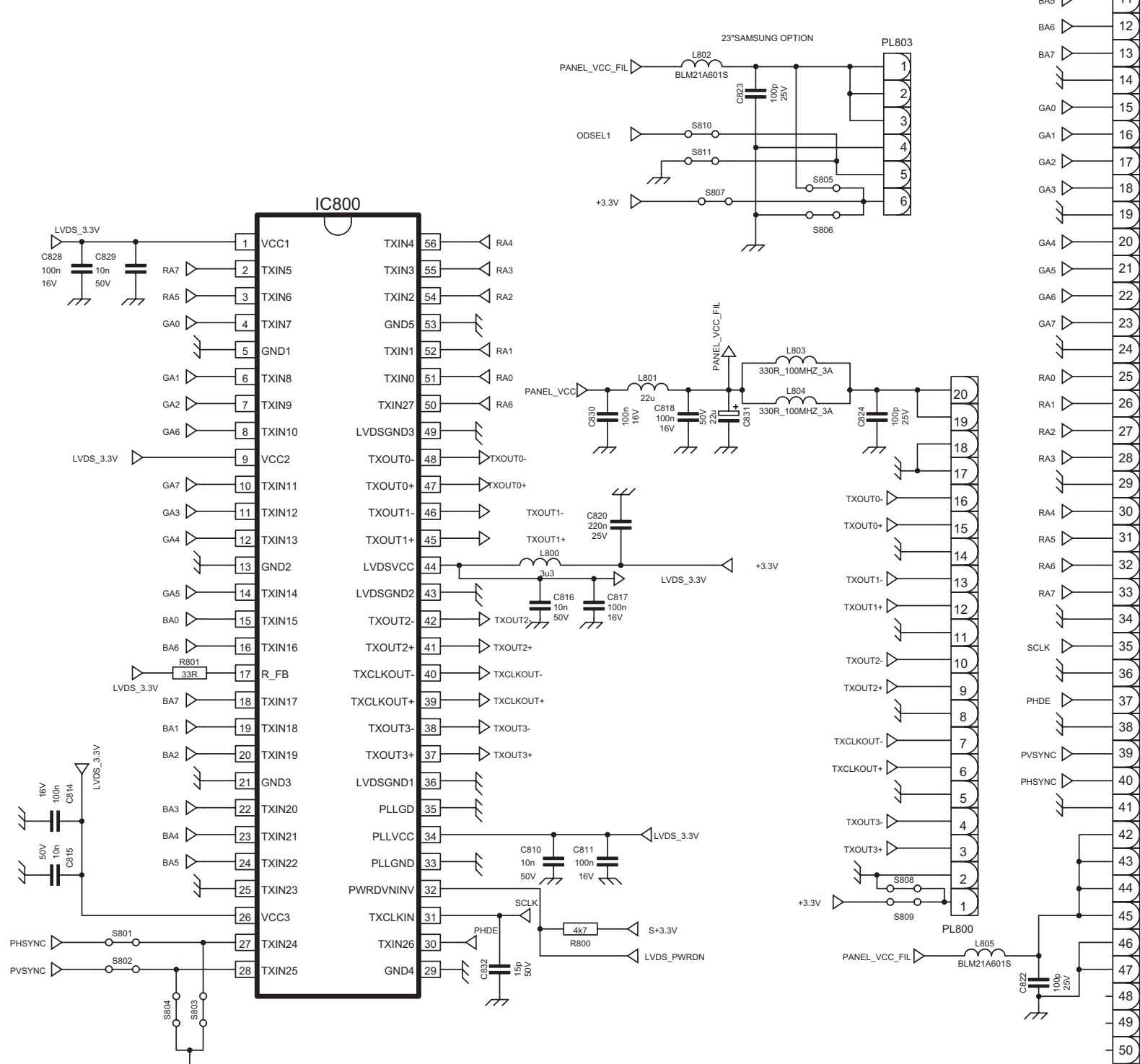


MAIN PWB ASS'Y (6/8)

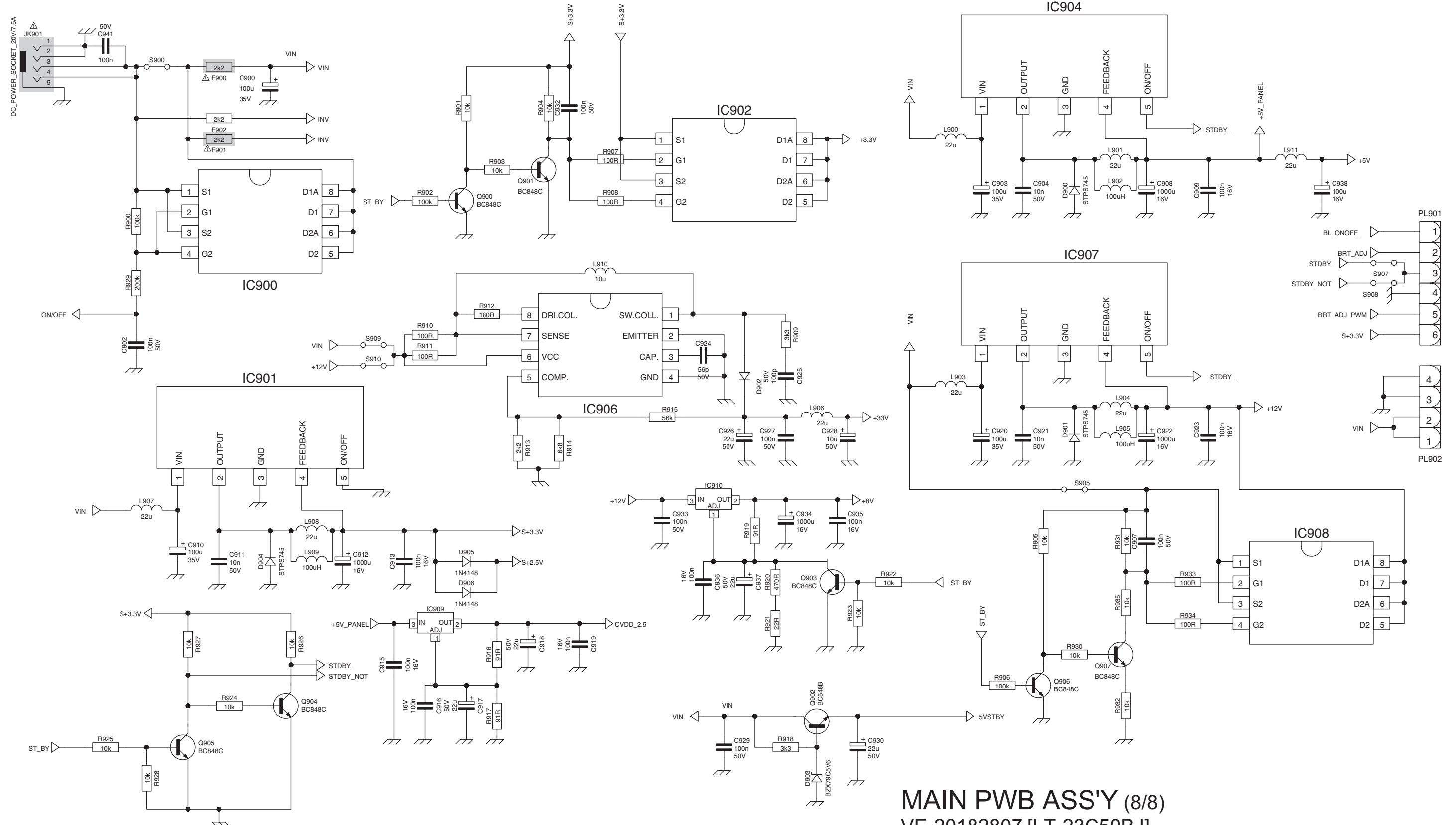
VE-20182807 [LT-23C50BJ]

VE-20180595 [LT-23C50BU,LT-23C50BU/Z,
LT-23C50SU,LT-23C50SU/Z,LT-23C88SJ]

MAIN PWB ASS'Y (7/8)
VE-20182807 [LT-23C50BJ]
VE-20180595 [LT-23C50BU,LT-23C50BU/Z,
LT-23C50SU,LT-23C50SU/Z,LT-23C88SJ]

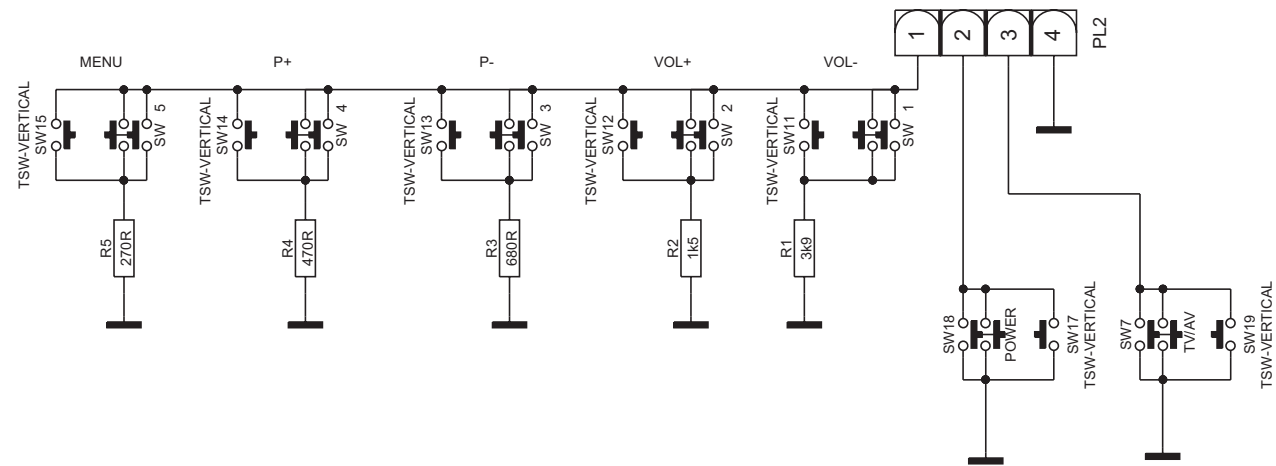


MAIN PWB CIRCUIT DIAGRAM (8/8)



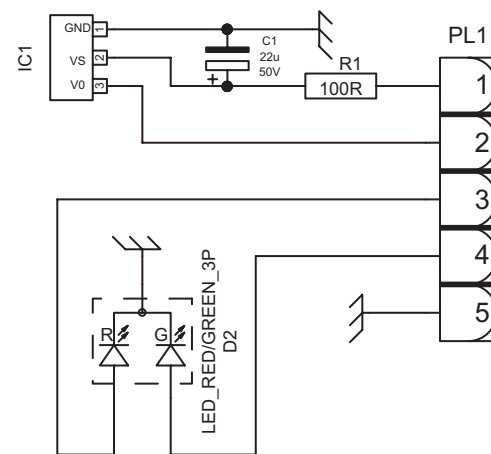
MAIN PWB ASS'Y (8/8)
VE-20182807 [LT-23C50BJ]
VE-20180595 [LT-23C50BU,LT-23C50BU/Z,
LT-23C50SU,LT-23C50SU/Z,LT-23C88SJ]

SIDE CONTROL PWB CIRCUIT DIAGRAM



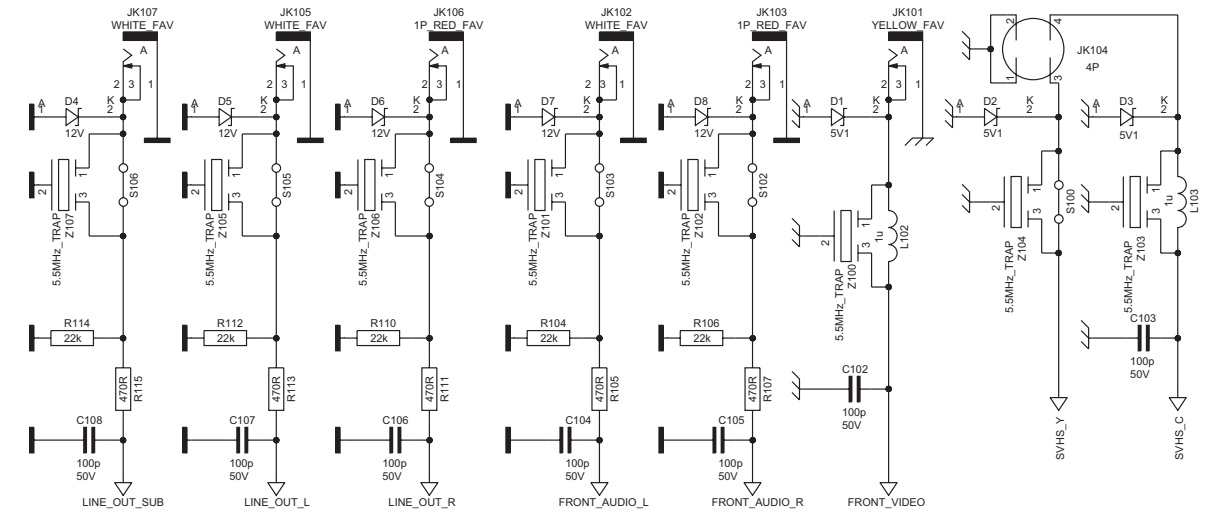
SIDE CONTROL PWB ASS'Y
VE-20174624

LED PWB CIRCUIT DIAGRAM

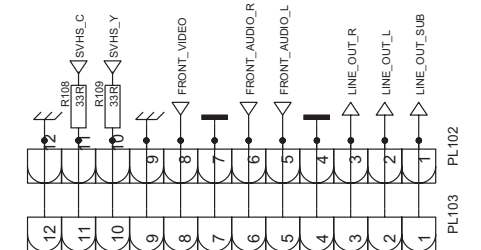


LED PWB ASS'Y
VE-20174629

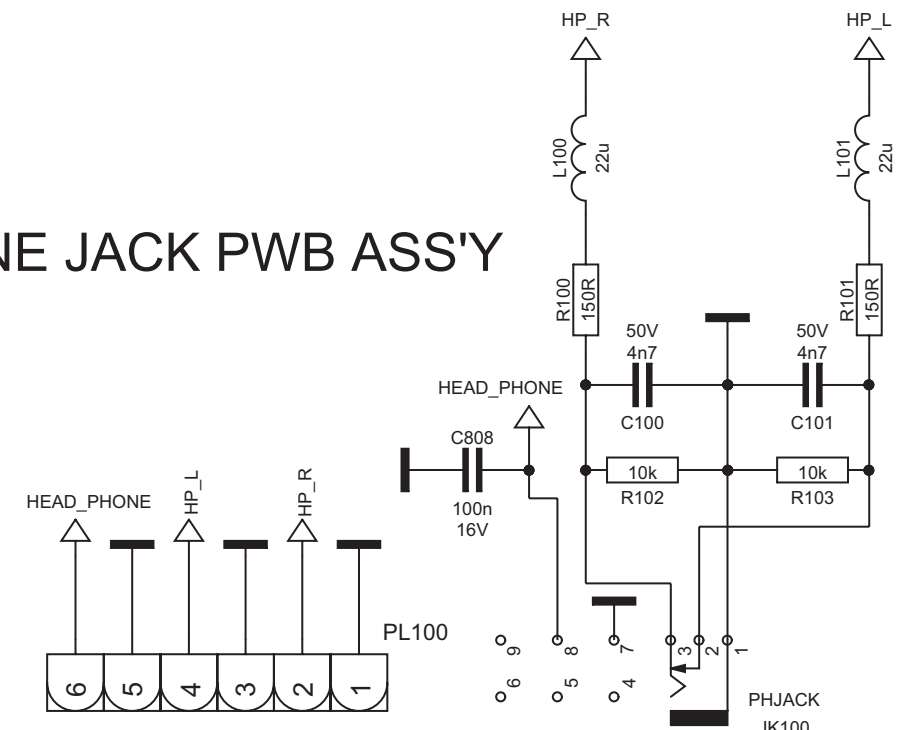
AV JACK PWB CIRCUIT DIAGRAM



AV JACK PWB ASS'Y
VE-20177847



HEADPHONE JACK PWB CIRCUIT DIAGRAM

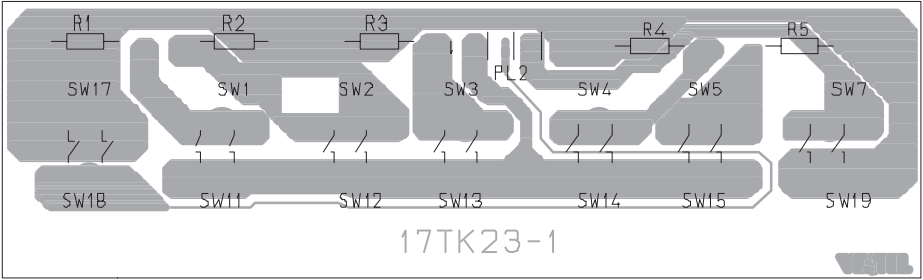


HEADPHONE JACK PWB ASS'Y
VE-20177874



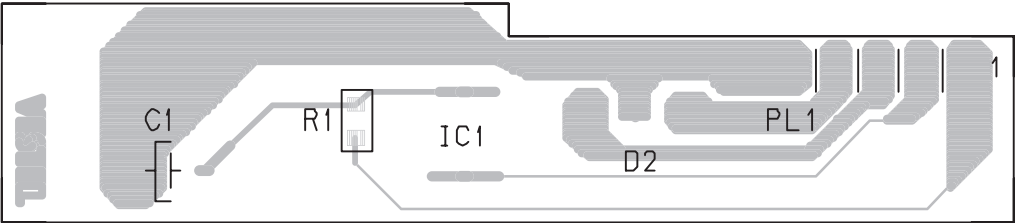
SIDE CONTEROL PWB PATTERN

TOP
←



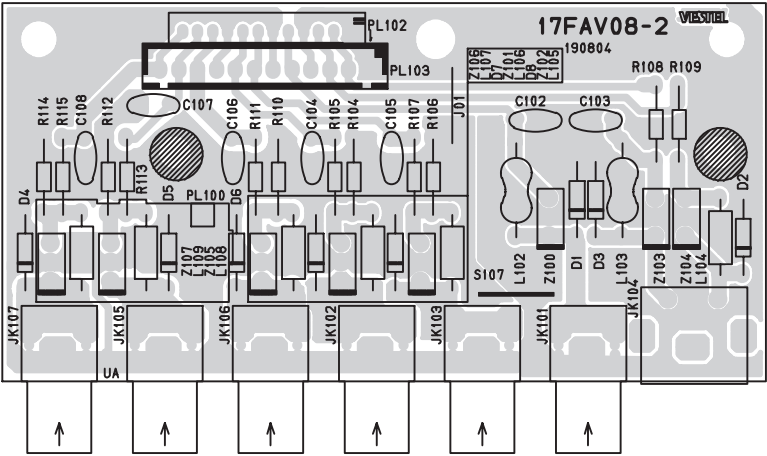
LED PWB PATTERN

TOP
→



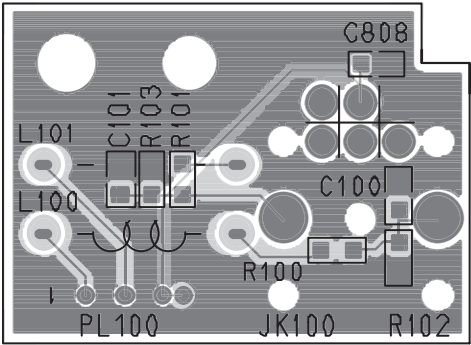
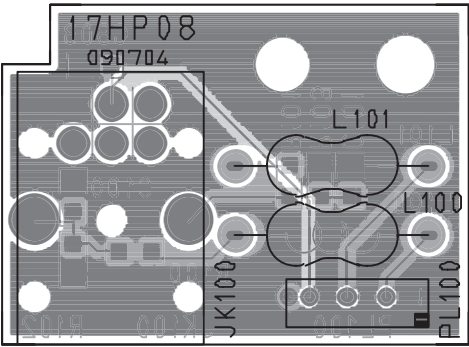
AV JACK PWB PATTERN

TOP
→



HEADPHONE JACK PWB PATTERN [PARTS SIDE]

TOP
←





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(No.YA220)



Printed in Japan
VPT

PARTS LIST

CAUTION

- The parts identified by the Δ symbol are important for the safety . Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P.W. BOARD Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

RESISTORS		CAPACITORS	
CR	Carbon Resistor	C CAP.	Ceramic Capacitor
FR	Fusible Resistor	E CAP.	Electrolytic Capacitor
PR	Plate Resistor	M CAP.	Mylar Capacitor
VR	Variable Resistor	CH CAP.	Chip Capacitor
HV R	High Voltage Resistor	HV CAP.	High Voltage Capacitor
MF R	Metal Film Resistor	MF CAP.	Metalized Film Capacitor
MG R	Metal Glazed Resistor	MM CAP.	Metalized Mylar Capacitor
MP R	Metal Plate Resistor	MP CAP.	Metalized Polystyrol Capacitor
OM R	Metal Oxide Film Resistor	PP CAP.	Polypropylene Capacitor
CMF R	Coating Metal Film Resistor	PS CAP.	Polystyrol Capacitor
UNF R	Non-Flammable Resistor	TF CAP.	Thin Film Capacitor
CH V R	Chip Variable Resistor	MPP CAP.	Metalized Polypropylene Capacitor
CH MG R	Chip Metal Glazed Resistor	TAN. CAP.	Tantalum Capacitor
COMP. R	Composition Resistor	CH C CAP.	Chip Ceramic Capacitor
LPTC R	Linear Positive Temperature Coefficient Resistor	BP E CAP.	Bi-Polar Electrolytic Capacitor
		CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
		CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
		CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
		CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

RESISTORS									
F	G	J	K	M	N	R	H	Z	P
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

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PACKING	3-22
PACKING PARTS LIST	3-22

USING P.W. BOARD & REMOTE CONTROL UNIT

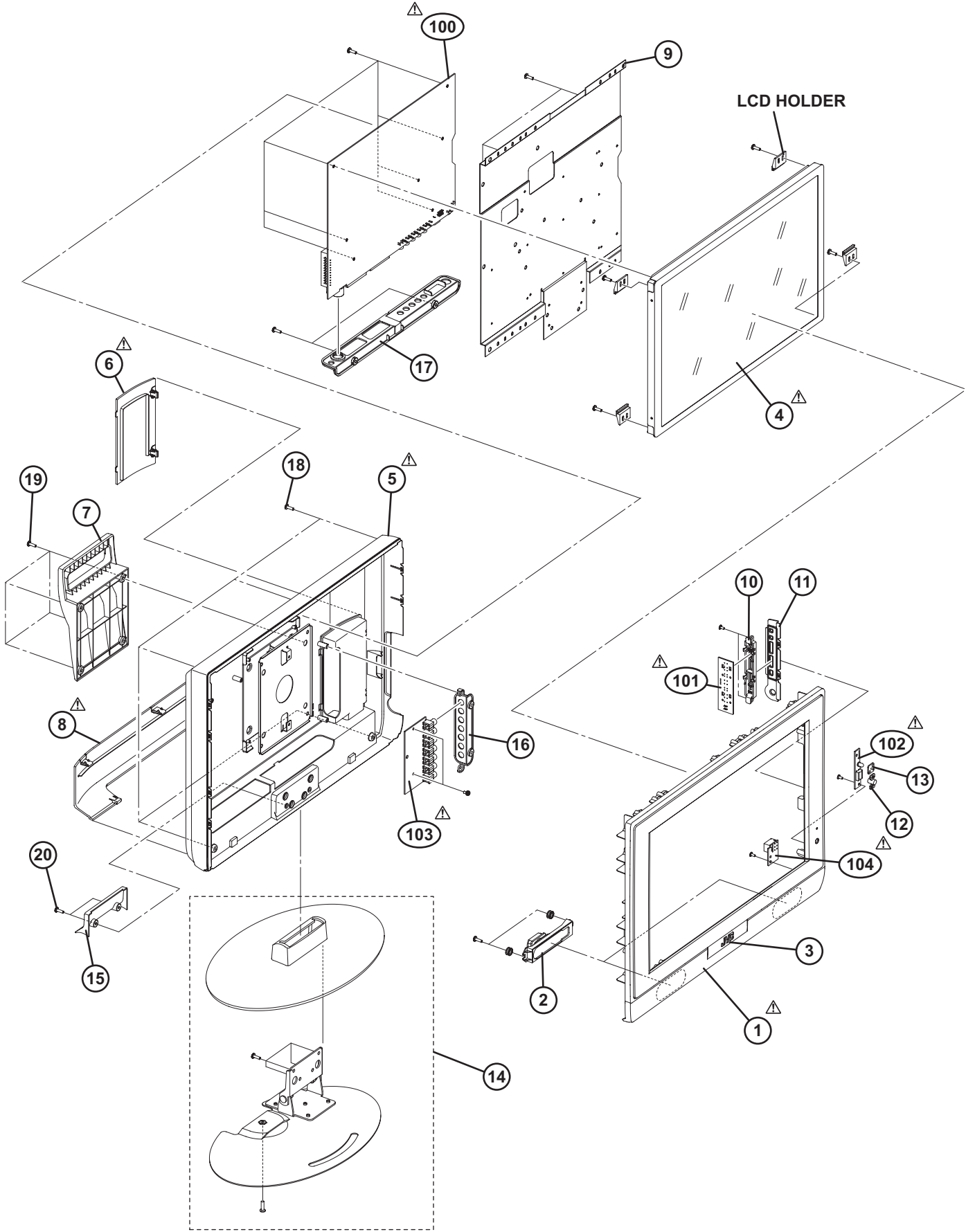
P.W.B ASS'Y	LT-23C50BJ	LT-23C50BU	LT-23C50BU/Z
MAIN PWB	VE-20182807	VE-20180595	←
SIDE CONTROL PWB	VE-20174624	←	←
LED PWB	VE-20174629	←	←
AV JACK PWB	VE-20177847	←	←
HEADPHONE PWB	VE-20177874	←	←
REMOTE CONTROL UNIT	VE-30034032	←	←

P.W.B ASS'Y	LT-23C50SU	LT-23C50SU/Z	LT-23C88SJ
MAIN PWB	VE-20180595	←	←
SIDE CONTROL PWB	VE-20174624	←	←
LED PWB	VE-20174629	←	←
AV JACK PWB	VE-20177847	←	←
HEADPHONE PWB	VE-20177874	←	←
REMOTE CONTROL UNIT	VE-30034032	←	←

EXPLODED VIEW PARTS LIST

△	Ref.No.	Part No.	Part Name	Description	Local
△	1	VE-20182790	FRONT COVER		LT-23C50BJ,LT-23C50BU,LT-23C50BU/Z
△	1	VE-20182426	FRONT COVER		LT-23C50SU,LT-23C50SU/Z,LT-23C88SJ
	2	VE-30026613	SPEAKER	(x2)	
	3	VE-40022213	LOGO JVC	SILVER	LT-23C50BJ
	3	VE-20181315	LOGO JVC		LT-23C50BU,LT-23C50SU,LT-23C88SJ
△	4	VE-30031695	LCD PANEL UNIT	Inc. INVERTER UNIT	
△	5	VE-20182427	REAR COVER	2324W (WO/CI) (SILVER 142G/P)	
△	6	VE-20182428	DOOR SOCKET		
	7	VE-20182430	HANDLE		
△	8	VE-20182443	BACK COVER		
	9	VE-35011392	MAIN FRAME		
	10	VE-20182421	BUTTON FUNCTION		
	11	VE-20170335	BUTTON FUNCTION PLATE		
	12	VE-20182420	LENS IR		
	13	VE-20170341	LENS LED		
	14	VE-20174579	FOOT ASSY		
	15	VE-20182432	FOOT COVER		
	16	VE-20182429	AV JACK FRAME		
	17	VE-20173333	MAIN FRAME		
	18	VE-35008081	SCREW M3 x 9.5	(x5)	
	19	VE-35000185	SCREW M4 x 8	(x4)	
	20	VE-35008181	SCREW M3 x 16	(x2)	
△	100	VE-20182807	MAIN PWB		LT-23C50BJ
△	100	VE-20180595	MAIN PWB		LT-23C50BU,LT-23C50SU,LT-23C88SJ
△	101	VE-20174624	SIDE CONTROL PWB		
△	102	VE-20174629	LED PWB		
△	103	VE-20177847	AV JACK PWB		
△	104	VE-20177874	HEADPHONE PWB		

EXPLODED VIEW



PRINTED WIRING BOARD PARTS LIST [LT-23C50BJ]

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
IC1	VE-30001670	PREAMPLIFIER TFMS5360		Q311	VE-30001423	TRANSISTOR	
IC100	VE-30020865	IC		Q313	VE-30001457	TRANSISTOR SMD	
IC100	VE-30020865	IC		Q313	VE-30001457	TRANSISTOR SMD	
IC101	VE-30032066	IC		Q314	VE-30001457	TRANSISTOR SMD	
IC101	VE-30032066	IC		Q314	VE-30001457	TRANSISTOR SMD	
IC102	VE-30018006	IC		Q315	VE-30001457	TRANSISTOR SMD	
IC102	VE-30018006	IC		Q315	VE-30001457	TRANSISTOR SMD	
IC104	VE-30019132	IC		Q316	VE-30001457	TRANSISTOR SMD	
IC104	VE-30019132	IC		Q316	VE-30001457	TRANSISTOR SMD	
IC106	VE-30017956	IC		Q317	VE-30001457	TRANSISTOR SMD	
IC106	VE-30017956	IC		Q317	VE-30001457	TRANSISTOR SMD	
IC107	VE-30019372	IC		Q317	VE-30001457	TRANSISTOR SMD	
IC107	VE-30019372	IC		Q400	VE-30001457	TRANSISTOR SMD	
IC109	VE-30010822	IC		Q400	VE-30001457	TRANSISTOR SMD	
IC109	VE-30010822	IC		Q501	VE-30001457	TRANSISTOR SMD	
IC300	VE-30018652	IC		Q501	VE-30001457	TRANSISTOR SMD	
IC301	VE-20172473	IC(MICOM)	(SERVICE)	Q600	VE-30001457	TRANSISTOR SMD	
IC302	VE-20182788	IC(MEMORY)	(SERVICE)	Q600	VE-30001457	TRANSISTOR SMD	
IC400	VE-30015059	IC		Q601	VE-30001457	TRANSISTOR SMD	
IC400	VE-30015059	IC		Q601	VE-30001457	TRANSISTOR SMD	
IC402	VE-30004999	IC		Q602	VE-30001457	TRANSISTOR SMD	
IC403	VE-30019372	IC		Q602	VE-30001457	TRANSISTOR SMD	
IC403	VE-30019372	IC		Q603	VE-30001457	TRANSISTOR SMD	
IC500	VE-30021082	IC		Q603	VE-30001457	TRANSISTOR SMD	
IC500	VE-30021082	IC		Q700	VE-30001458	TRANSISTOR SMD	
IC600	VE-30013686	IC		Q700	VE-30001458	TRANSISTOR SMD	
IC600	VE-30013686	IC		Q701	VE-30001457	TRANSISTOR SMD	
IC700	VE-30018263	IC		Q701	VE-30001457	TRANSISTOR SMD	
IC700	VE-30018263	IC		Q702	VE-30001457	TRANSISTOR SMD	
IC701	VE-30010024	IC		Q702	VE-30001457	TRANSISTOR SMD	
IC701	VE-30010024	IC		Q703	VE-30001457	TRANSISTOR SMD	
IC702	VE-30027663	IC		Q703	VE-30001457	TRANSISTOR SMD	
IC702	VE-30027663	IC		Q704	VE-30001457	TRANSISTOR SMD	
IC705	VE-30010822	IC		Q704	VE-30001457	TRANSISTOR SMD	
IC705	VE-30010822	IC		Q705	VE-30001457	TRANSISTOR SMD	
IC800	VE-30017847	IC		Q705	VE-30001457	TRANSISTOR SMD	
IC800	VE-30017847	IC		Q706	VE-30001457	TRANSISTOR SMD	
IC901	VE-30027613	IC		Q706	VE-30001457	TRANSISTOR SMD	
IC901	VE-30027613	IC		Q708	VE-30001458	TRANSISTOR SMD	
IC902	VE-30014344	TRANSISTOR		Q708	VE-30001458	TRANSISTOR SMD	
IC902	VE-30014344	TRANSISTOR		Q709	VE-30001457	TRANSISTOR SMD	
IC904	VE-30027612	IC		Q709	VE-30001457	TRANSISTOR SMD	
IC904	VE-30027612	IC		Q900	VE-30001457	TRANSISTOR SMD	
IC906	VE-30018326	IC		Q900	VE-30001457	TRANSISTOR SMD	
IC906	VE-30018326	IC		Q901	VE-30001457	TRANSISTOR SMD	
IC907	VE-30027635	IC		Q901	VE-30001457	TRANSISTOR SMD	
IC907	VE-30027635	IC		Q902	VE-30001454	TRANSISTOR	
IC909	VE-30007739	IC		Q902	VE-30001454	TRANSISTOR	
IC910	VE-30007739	IC		Q904	VE-30001457	TRANSISTOR SMD	
IC910	VE-30007739	IC		Q904	VE-30001457	TRANSISTOR SMD	
				Q905	VE-30001457	TRANSISTOR SMD	
Q100	VE-30001457	TRANSISTOR SMD		D1	VE-30016020	DIODE	
Q100	VE-30001457	TRANSISTOR SMD		D100	VE-30001285	DIODE SMD	
Q101	VE-30018060	TRANSISTOR		D100	VE-30001285	DIODE SMD	
Q101	VE-30018060	TRANSISTOR		D101	VE-30001285	DIODE SMD	
Q103	VE-30001457	TRANSISTOR SMD		D101	VE-30001285	DIODE SMD	
Q103	VE-30001457	TRANSISTOR SMD		D103	VE-30007169	DIODE	
Q104	VE-30001457	TRANSISTOR SMD		D103	VE-30007169	DIODE	
Q104	VE-30001457	TRANSISTOR SMD		D105	VE-30007169	DIODE	
Q104	VE-30001457	TRANSISTOR SMD		D105	VE-30007169	DIODE	
Q105	VE-30001457	TRANSISTOR SMD		D107	VE-30007169	DIODE	
Q105	VE-30001457	TRANSISTOR SMD		D107	VE-30007169	DIODE	
Q300	VE-30001458	TRANSISTOR SMD		D108	VE-30025773	DIODE SMD	
Q300	VE-30001458	TRANSISTOR SMD		D108	VE-30025773	DIODE SMD	
Q301	VE-30001457	TRANSISTOR SMD		D109	VE-30025773	DIODE SMD	
Q301	VE-30001457	TRANSISTOR SMD		D109	VE-30025773	DIODE SMD	
Q302	VE-30001457	TRANSISTOR SMD		D111	VE-30007169	DIODE	
Q302	VE-30001457	TRANSISTOR SMD		D111	VE-30007169	DIODE	
Q303	VE-30001457	TRANSISTOR SMD		D112	VE-30007169	DIODE	
Q303	VE-30001457	TRANSISTOR SMD		D112	VE-30007169	DIODE	
Q304	VE-30001457	TRANSISTOR SMD		D114	VE-30007763	DIODE SMD	
Q304	VE-30001457	TRANSISTOR SMD		D114	VE-30007763	DIODE SMD	
Q305	VE-30001457	TRANSISTOR SMD		D300	VE-30012412	DIODE SMD	
Q305	VE-30001457	TRANSISTOR SMD		D300	VE-30012412	DIODE SMD	
Q306	VE-30001457	TRANSISTOR SMD		D301	VE-30001285	DIODE SMD	
Q306	VE-30001457	TRANSISTOR SMD		D301	VE-30001285	DIODE SMD	
Q307	VE-30001457	TRANSISTOR SMD		D302	VE-30001285	DIODE SMD	
Q307	VE-30001457	TRANSISTOR SMD		D302	VE-30001285	DIODE SMD	
Q308	VE-30001458	TRANSISTOR SMD		D305	VE-30001285	DIODE SMD	
Q308	VE-30001458	TRANSISTOR SMD		D305	VE-30001285	DIODE SMD	
Q309	VE-30001457	TRANSISTOR SMD		D306	VE-30001285	DIODE SMD	
Q309	VE-30001457	TRANSISTOR SMD		D306	VE-30001285	DIODE SMD	
Q311	VE-30001423	TRANSISTOR		D307	VE-30001285	DIODE SMD	

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ΔRef No.	Part No.	Part Name	Description	Local	ΔRef No.	Part No.	Part Name	Description	Local
C158	VE-30012567	CAPACITOR SMD	220pF	50V J	C316	VE-30000352	E CAPACITOR	100uF	16V M
C159	VE-30016654	CAPACITOR SMD	100nF	16V K R	C316	VE-30000352	E CAPACITOR	100uF	16V M
C159	VE-30016654	CAPACITOR SMD	100nF	16V K R	C317	VE-30012569	CAPACITOR SMD	33pF	50V J
C160	VE-30012567	CAPACITOR SMD	220pF	50V J	C317	VE-30012569	CAPACITOR SMD	33pF	50V J
C160	VE-30012567	CAPACITOR SMD	220pF	50V J	C318	VE-30012569	CAPACITOR SMD	33pF	50V J
C161	VE-30012567	CAPACITOR SMD	220pF	50V J	C318	VE-30012569	CAPACITOR SMD	33pF	50V J
C161	VE-30012567	CAPACITOR SMD	220pF	50V J	C319	VE-30000371	E CAPACITOR	22uF	50V M
C162	VE-30000371	E CAPACITOR	22uF	50V M	C319	VE-30000371	E CAPACITOR	22uF	50V M
C162	VE-30000371	E CAPACITOR	22uF	50V M	C320	VE-30016654	CAPACITOR SMD	100nF	16V K R
C163	VE-30016654	CAPACITOR SMD	100nF	16V K R	C320	VE-30016654	CAPACITOR SMD	100nF	16V K R
C163	VE-30016654	CAPACITOR SMD	100nF	16V K R	C321	VE-30016654	CAPACITOR SMD	100nF	16V K R
C164	VE-30012567	CAPACITOR SMD	220pF	50V J	C321	VE-30016654	CAPACITOR SMD	100nF	16V K R
C164	VE-30012567	CAPACITOR SMD	220pF	50V J	C324	VE-30000371	E CAPACITOR	22uF	50V M
C165	VE-30016654	CAPACITOR SMD	100nF	16V K R	C324	VE-30000371	E CAPACITOR	22uF	50V M
C165	VE-30016654	CAPACITOR SMD	100nF	16V K R	C325	VE-30012611	CAPACITOR SMD	120pF	50V J
C166	VE-30012567	CAPACITOR SMD	220pF	50V J	C325	VE-30012611	CAPACITOR SMD	120pF	50V J
C166	VE-30012567	CAPACITOR SMD	220pF	50V J	C326	VE-30012576	CAPACITOR SMD	56pF	50V J CH
C167	VE-30016654	CAPACITOR SMD	100nF	16V K R	C326	VE-30012576	CAPACITOR SMD	56pF	50V J CH
C167	VE-30016654	CAPACITOR SMD	100nF	16V K R	C327	VE-30016654	CAPACITOR SMD	100nF	16V K R
C168	VE-30016654	CAPACITOR SMD	100nF	16V K R	C327	VE-30016654	CAPACITOR SMD	100nF	16V K R
C168	VE-30016654	CAPACITOR SMD	100nF	16V K R	C328	VE-30000393	E CAPACITOR	3.3uF	50V M
C169	VE-30012567	CAPACITOR SMD	220pF	50V J	C328	VE-30000393	E CAPACITOR	3.3uF	50V M
C169	VE-30012567	CAPACITOR SMD	220pF	50V J	C332	VE-30016654	CAPACITOR SMD	100nF	16V K R
C170	VE-30012567	CAPACITOR SMD	220pF	50V J	C332	VE-30016654	CAPACITOR SMD	100nF	16V K R
C170	VE-30012567	CAPACITOR SMD	220pF	50V J	C334	VE-30000354	E CAPACITOR	100uF	35V M
C171	VE-30016654	CAPACITOR SMD	100nF	16V K R	C334	VE-30000354	E CAPACITOR	100uF	35V M
C171	VE-30016654	CAPACITOR SMD	100nF	16V K R	C335	VE-30016654	CAPACITOR SMD	100nF	16V K R
C172	VE-30012567	CAPACITOR SMD	220pF	50V J	C335	VE-30016654	CAPACITOR SMD	100nF	16V K R
C172	VE-30012567	CAPACITOR SMD	220pF	50V J	C336	VE-30012611	CAPACITOR SMD	120pF	50V J
C174	VE-30016654	CAPACITOR SMD	100nF	16V K R	C336	VE-30012611	CAPACITOR SMD	120pF	50V J
C174	VE-30016654	CAPACITOR SMD	100nF	16V K R	C337	VE-30016654	CAPACITOR SMD	100nF	16V K R
C175	VE-30012567	CAPACITOR SMD	220pF	50V J	C337	VE-30016654	CAPACITOR SMD	100nF	16V K R
C175	VE-30012567	CAPACITOR SMD	220pF	50V J	C400	VE-30012609	CAPACITOR SMD	68nF	50V K
C176	VE-30016654	CAPACITOR SMD	100nF	16V K R	C400	VE-30012609	CAPACITOR SMD	68nF	50V K
C176	VE-30016654	CAPACITOR SMD	100nF	16V K R	C401	VE-30012583	CAPACITOR SMD	1.5nF	50V K
C177	VE-30000371	E CAPACITOR	22uF	50V M	C401	VE-30012583	CAPACITOR SMD	1.5nF	50V K
C177	VE-30000371	E CAPACITOR	22uF	50V M	C402	VE-30012590	CAPACITOR SMD	47nF	50V K
C178	VE-30016654	CAPACITOR SMD	100nF	16V K R	C402	VE-30012590	CAPACITOR SMD	47nF	50V K
C178	VE-30016654	CAPACITOR SMD	100nF	16V K R	C403	VE-30016654	CAPACITOR SMD	100nF	16V K R
C183	VE-30016654	CAPACITOR SMD	100nF	16V K R	C403	VE-30016654	CAPACITOR SMD	100nF	16V K R
C183	VE-30016654	CAPACITOR SMD	100nF	16V K R	C404	VE-30012613	CAPACITOR SMD	3.3pF	50V C CH
C185	VE-30000352	E CAPACITOR	100uF	16V M	C404	VE-30012613	CAPACITOR SMD	3.3pF	50V C CH
C185	VE-30000352	E CAPACITOR	100uF	16V M	C405	VE-30012613	CAPACITOR SMD	3.3pF	50V C CH
C187	VE-30012573	CAPACITOR SMD	47pF	50V J	C405	VE-30012613	CAPACITOR SMD	3.3pF	50V C CH
C187	VE-30012573	CAPACITOR SMD	47pF	50V J	C406	VE-30000315	CAPACITOR SMD	220nF	25V Z
C189	VE-30016654	CAPACITOR SMD	100nF	16V K R	C406	VE-30000315	CAPACITOR SMD	220nF	25V Z
C189	VE-30016654	CAPACITOR SMD	100nF	16V K R	C407	VE-30012583	CAPACITOR SMD	1.5nF	50V K
C190	VE-30016654	CAPACITOR SMD	100nF	16V K R	C407	VE-30012583	CAPACITOR SMD	1.5nF	50V K
C190	VE-30016654	CAPACITOR SMD	100nF	16V K R	C408	VE-30012572	CAPACITOR SMD	390pF	50V J
C217	VE-30012581	CAPACITOR SMD	1nF	50V K R	C408	VE-30012572	CAPACITOR SMD	390pF	50V J
C217	VE-30012581	CAPACITOR SMD	1nF	50V K R	C409	VE-30000345	E CAPACITOR	10uF	50V M
C218	VE-30012575	CAPACITOR SMD	4.7pF	50V C CH	C409	VE-30000345	E CAPACITOR	10uF	50V M
C218	VE-30012575	CAPACITOR SMD	4.7pF	50V C CH	C410	VE-30012590	CAPACITOR SMD	47nF	50V K
C219	VE-30024742	E CAPACITOR	10uF	16V N.POL	C410	VE-30012590	CAPACITOR SMD	47nF	50V K
C219	VE-30024742	E CAPACITOR	10uF	16V N.POL	C411	VE-30000068	CAPACITOR MKT	1nF	63V K
C300	VE-30000352	E CAPACITOR	100uF	16V M	C411	VE-30000068	CAPACITOR MKT	1nF	63V K
C300	VE-30000352	E CAPACITOR	100uF	16V M	C412	VE-30007082	CAPACITOR MKT	680nF	63V J
C301	VE-30016654	CAPACITOR SMD	100nF	16V K R	C412	VE-30007082	CAPACITOR MKT	680nF	63V J
C301	VE-30016654	CAPACITOR SMD	100nF	16V K R	C413	VE-30007082	CAPACITOR MKT	680nF	63V J
C302	VE-30000371	E CAPACITOR	22uF	50V M	C413	VE-30007082	CAPACITOR MKT	680nF	63V J
C302	VE-30000371	E CAPACITOR	22uF	50V M	C414	VE-30012582	CAPACITOR SMD	10nF	50V K R
C303	VE-30016654	CAPACITOR SMD	100nF	16V K R	C414	VE-30012582	CAPACITOR SMD	10nF	50V K R
C303	VE-30016654	CAPACITOR SMD	100nF	16V K R	C415	VE-30000345	E CAPACITOR	10uF	50V M
C304	VE-30016654	CAPACITOR SMD	100nF	16V K R	C415	VE-30000345	E CAPACITOR	10uF	50V M
C304	VE-30016654	CAPACITOR SMD	100nF	16V K R	C416	VE-30012590	CAPACITOR SMD	47nF	50V K
C305	VE-30000371	E CAPACITOR	22uF	50V M	C416	VE-30012590	CAPACITOR SMD	47nF	50V K
C305	VE-30000371	E CAPACITOR	22uF	50V M	C420	VE-30000294	CAPACITOR SMD	100nF	50V K
C306	VE-30016654	CAPACITOR SMD	100nF	16V K R	C420	VE-30000294	CAPACITOR SMD	100nF	50V K
C306	VE-30016654	CAPACITOR SMD	100nF	16V K R	C421	VE-30000294	CAPACITOR SMD	100nF	50V K
C307	VE-30016654	CAPACITOR SMD	100nF	16V K R	C421	VE-30000294	CAPACITOR SMD	100nF	50V K
C307	VE-30016654	CAPACITOR SMD	100nF	16V K R	C422	VE-30000294	CAPACITOR SMD	100nF	50V K
C308	VE-30000371	E CAPACITOR	22uF	50V M	C422	VE-30000294	CAPACITOR SMD	100nF	50V K
C308	VE-30000371	E CAPACITOR	22uF	50V M	C424	VE-30016654	CAPACITOR SMD	100nF	16V K R
C309	VE-30016654	CAPACITOR SMD	100nF	16V K R	C424	VE-30016654	CAPACITOR SMD	100nF	16V K R
C309	VE-30016654	CAPACITOR SMD	100nF	16V K R	C425	VE-30000315	CAPACITOR SMD	220nF	25V Z
C310	VE-30016654	CAPACITOR SMD	100nF	16V K R	C425	VE-30000315	CAPACITOR SMD	220nF	25V Z
C310	VE-30016654	CAPACITOR SMD	100nF	16V K R	C426	VE-30012583	CAPACITOR SMD	1.5nF	50V K
C311	VE-30016654	CAPACITOR SMD	100nF	16V K R	C426	VE-30012583	CAPACITOR SMD	1.5nF	50V K
C311	VE-30016654	CAPACITOR SMD	100nF	16V K R	C427	VE-30012572	CAPACITOR SMD	390pF	50V J
C312	VE-30016654	CAPACITOR SMD	100nF	16V K R	C427	VE-30012572	CAPACITOR SMD	390pF	50V J
C312	VE-30016654	CAPACITOR SMD	100nF	16V K R	C428	VE-30012590	CAPACITOR SMD	47nF	50V K
C313	VE-30016654	CAPACITOR SMD	100nF	16V K R	C428	VE-30012590	CAPACITOR SMD	47nF	50V K
C313	VE-30016654	CAPACITOR SMD	100nF	16V K R	C429	VE-30012583	CAPACITOR SMD	1.5nF	50V K
C314	VE-30000109	CAPACITOR MKT	470nF	63V J	C429	VE-30012583	CAPACITOR SMD	1.5nF	50V K
C314	VE-30000109	CAPACITOR MKT	470nF	63V J	C430	VE-30012609	CAPACITOR SMD	68nF	50V K
C315	VE-30016654	CAPACITOR SMD	100nF	16V K R	C430	VE-30012609	CAPACITOR SMD	68nF	50V K
C315	VE-30016654	CAPACITOR SMD	100nF	16V K R	C431	VE-30000315	CAPACITOR SMD	220nF	25V Z

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(No.YA220)3-9

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C815	VE-30012582	CAPACITOR SMD	10nF 50V K R	C916	VE-30016654	CAPACITOR SMD	100nF 16V K R
C815	VE-30012582	CAPACITOR SMD	10nF 50V K R	C917	VE-30000371	E CAPACITOR	22uF 50V M
C816	VE-30012582	CAPACITOR SMD	10nF 50V K R	C917	VE-30000371	E CAPACITOR	22uF 50V M
C816	VE-30012582	CAPACITOR SMD	10nF 50V K R	C918	VE-30000371	E CAPACITOR	22uF 50V M
C817	VE-30016654	CAPACITOR SMD	100nF 16V K R	C918	VE-30000371	E CAPACITOR	22uF 50V M
C817	VE-30016654	CAPACITOR SMD	100nF 16V K R	C919	VE-30016654	CAPACITOR SMD	100nF 16V K R
C818	VE-30016654	CAPACITOR SMD	100nF 16V K R	C919	VE-30016654	CAPACITOR SMD	100nF 16V K R
C818	VE-30016654	CAPACITOR SMD	100nF 16V K R	C920	VE-30000354	E CAPACITOR	100uF 35V M
C820	VE-30000315	CAPACITOR SMD	220nF 25V Z	C920	VE-30000354	E CAPACITOR	100uF 35V M
C820	VE-30000315	CAPACITOR SMD	220nF 25V Z	C921	VE-30012582	CAPACITOR SMD	10nF 50V K R
C823	VE-30012560	CAPACITOR SMD	100pF 50V J	C921	VE-30012582	CAPACITOR SMD	10nF 50V K R
C823	VE-30012560	CAPACITOR SMD	100pF 50V J	C922	VE-30000359	E CAPACITOR	1000uF 16V M
C824	VE-30012560	CAPACITOR SMD	100pF 50V J	C923	VE-30016654	CAPACITOR SMD	100nF 16V K R
C824	VE-30012560	CAPACITOR SMD	100pF 50V J	C923	VE-30016654	CAPACITOR SMD	100nF 16V K R
C825	VE-30012581	CAPACITOR SMD	1nF 50V K R	C924	VE-30012576	CAPACITOR SMD	56pF 50V J CH
C825	VE-30012581	CAPACITOR SMD	1nF 50V K R	C924	VE-30012576	CAPACITOR SMD	56pF 50V J CH
C827	VE-30000352	E CAPACITOR	100uF 16V M	C925	VE-30012560	CAPACITOR SMD	100pF 50V J
C827	VE-30000352	E CAPACITOR	100uF 16V M	C925	VE-30012560	CAPACITOR SMD	100pF 50V J
C828	VE-30016654	CAPACITOR SMD	100nF 16V K R	C926	VE-30000371	E CAPACITOR	22uF 50V M
C828	VE-30016654	CAPACITOR SMD	100nF 16V K R	C926	VE-30000371	E CAPACITOR	22uF 50V M
C829	VE-30012582	CAPACITOR SMD	10nF 50V K R	C927	VE-30000294	CAPACITOR SMD	100nF 50V K
C829	VE-30012582	CAPACITOR SMD	10nF 50V K R	C927	VE-30000294	CAPACITOR SMD	100nF 50V K
C830	VE-30016654	CAPACITOR SMD	100nF 16V K R	C928	VE-30000345	E CAPACITOR	10uF 50V M
C830	VE-30016654	CAPACITOR SMD	100nF 16V K R	C928	VE-30000345	E CAPACITOR	10uF 50V M
C831	VE-30000371	E CAPACITOR	22uF 50V M	C929	VE-30000294	CAPACITOR SMD	100nF 50V K
C831	VE-30000371	E CAPACITOR	22uF 50V M	C929	VE-30000294	CAPACITOR SMD	100nF 50V K
C832	VE-30012562	CAPACITOR SMD	15pF 50V J	C930	VE-30000371	E CAPACITOR	22uF 50V M
C832	VE-30012562	CAPACITOR SMD	15pF 50V J	C930	VE-30000371	E CAPACITOR	22uF 50V M
C833	VE-30016654	CAPACITOR SMD	100nF 16V K R	C932	VE-30000294	CAPACITOR SMD	100nF 50V K
C833	VE-30016654	CAPACITOR SMD	100nF 16V K R	C932	VE-30000294	CAPACITOR SMD	100nF 50V K
C834	VE-30020694	CAPACITOR SMD	1uF 16V Z Y5V	C933	VE-30000294	CAPACITOR SMD	100nF 50V K
C834	VE-30020694	CAPACITOR SMD	1uF 16V Z Y5V	C933	VE-30000294	CAPACITOR SMD	100nF 50V K
C835	VE-30020694	CAPACITOR SMD	1uF 16V Z Y5V	C935	VE-30016654	CAPACITOR SMD	100nF 16V K R
C835	VE-30020694	CAPACITOR SMD	1uF 16V Z Y5V	C935	VE-30016654	CAPACITOR SMD	100nF 16V K R
C837	VE-30020694	CAPACITOR SMD	1uF 16V Z Y5V	C936	VE-30016654	CAPACITOR SMD	100nF 16V K R
C837	VE-30020694	CAPACITOR SMD	1uF 16V Z Y5V	C936	VE-30016654	CAPACITOR SMD	100nF 16V K R
C837	VE-30020694	CAPACITOR SMD	1uF 16V Z Y5V	C937	VE-30000371	E CAPACITOR	22uF 50V M
C839	VE-30020694	CAPACITOR SMD	1uF 16V Z Y5V	C937	VE-30000371	E CAPACITOR	22uF 50V M
C839	VE-30020694	CAPACITOR SMD	1uF 16V Z Y5V	C938	VE-30000352	E CAPACITOR	100uF 16V M
C840	VE-30020694	CAPACITOR SMD	1uF 16V Z Y5V	C938	VE-30000352	E CAPACITOR	100uF 16V M
C840	VE-30020694	CAPACITOR SMD	1uF 16V Z Y5V	C941	VE-30000294	CAPACITOR SMD	100nF 50V K
C846	VE-30000407	E CAPACITOR	470uF 16V M	C941	VE-30000294	CAPACITOR SMD	100nF 50V K
C846	VE-30000407	E CAPACITOR	470uF 16V M				
C847	VE-30012569	CAPACITOR SMD	33pF 50V J	R1	VE-30000689	RESISTOR CF	1/4W 3.9K J
C847	VE-30012569	CAPACITOR SMD	33pF 50V J	R1	VE-30012510	RESISTOR SMD	1/16W 100R J
C848	VE-30012569	CAPACITOR SMD	33pF 50V J	R2	VE-30000526	RESISTOR CF	1/4W 1.5K J
C848	VE-30012569	CAPACITOR SMD	33pF 50V J	R3	VE-30000770	RESISTOR CF	1/4W 680R J
C849	VE-30012574	CAPACITOR SMD	470pF 50V J	R4	VE-30000712	RESISTOR CF	1/4W 470R J
C849	VE-30012574	CAPACITOR SMD	470pF 50V J	R5	VE-30000622	RESISTOR CF	1/4W 270R J
C850	VE-30012569	CAPACITOR SMD	33pF 50V J	R100	VE-30012713	RESISTOR SMD	1/16W 75R J
C850	VE-30012569	CAPACITOR SMD	33pF 50V J	R100	VE-30014128	RESISTOR SMD	1/16W 33R J
C851	VE-30012574	CAPACITOR SMD	470pF 50V J	R100	VE-30012713	RESISTOR SMD	1/16W 75R J
C851	VE-30012574	CAPACITOR SMD	470pF 50V J	R101	VE-30012713	RESISTOR SMD	1/16W 75R J
C852	VE-30012574	CAPACITOR SMD	470pF 50V J	R101	VE-30014128	RESISTOR SMD	1/16W 33R J
C852	VE-30012574	CAPACITOR SMD	470pF 50V J	R101	VE-30012713	RESISTOR SMD	1/16W 75R J
C853	VE-30012574	CAPACITOR SMD	470pF 50V J	R102	VE-30012641	RESISTOR SMD	1/16W 10K J
C853	VE-30012574	CAPACITOR SMD	470pF 50V J	R102	VE-30012713	RESISTOR SMD	1/16W 75R J
C858	VE-30012569	CAPACITOR SMD	33pF 50V J	R102	VE-30012713	RESISTOR SMD	1/16W 75R J
C858	VE-30012569	CAPACITOR SMD	33pF 50V J	R103	VE-30012641	RESISTOR SMD	1/16W 10K J
C859	VE-30012569	CAPACITOR SMD	33pF 50V J	R103	VE-30012713	RESISTOR SMD	1/16W 75R J
C859	VE-30012569	CAPACITOR SMD	33pF 50V J	R103	VE-30012713	RESISTOR SMD	1/16W 75R J
C860	VE-30012569	CAPACITOR SMD	33pF 50V J	R104	VE-30000594	RESISTOR CF	1/4W 22K J
C860	VE-30012569	CAPACITOR SMD	33pF 50V J	R104	VE-30012713	RESISTOR SMD	1/16W 75R J
C861	VE-30020694	CAPACITOR SMD	1uF 16V Z Y5V	R104	VE-30012713	RESISTOR SMD	1/16W 75R J
C861	VE-30020694	CAPACITOR SMD	1uF 16V Z Y5V	R105	VE-30000712	RESISTOR CF	1/4W 470R J
C862	VE-30016654	CAPACITOR SMD	100nF 16V K R	R105	VE-30012641	RESISTOR SMD	1/16W 10K J
C862	VE-30016654	CAPACITOR SMD	100nF 16V K R	R105	VE-30012641	RESISTOR SMD	1/16W 10K J
C863	VE-30012581	CAPACITOR SMD	1nF 50V K R	R106	VE-30000594	RESISTOR CF	1/4W 22K J
C863	VE-30012581	CAPACITOR SMD	1nF 50V K R	R106	VE-30012641	RESISTOR SMD	1/16W 10K J
C900	VE-30000354	E CAPACITOR	100uF 35V M	R106	VE-30012641	RESISTOR SMD	1/16W 10K J
C900	VE-30000354	E CAPACITOR	100uF 35V M	R107	VE-30000712	RESISTOR CF	1/4W 470R J
C903	VE-30000354	E CAPACITOR	100uF 35V M	R107	VE-30012510	RESISTOR SMD	1/16W 100R J
C903	VE-30000354	E CAPACITOR	100uF 35V M	R107	VE-30012510	RESISTOR SMD	1/16W 100R J
C904	VE-30012582	CAPACITOR SMD	10nF 50V K R	R108	VE-30000650	RESISTOR CF	1/4W 33R J
C904	VE-30012582	CAPACITOR SMD	10nF 50V K R	R108	VE-30012510	RESISTOR SMD	1/16W 100R J
C908	VE-30000359	E CAPACITOR	1000uF 16V M	R108	VE-30012510	RESISTOR SMD	1/16W 100R J
C909	VE-30016654	CAPACITOR SMD	100nF 16V K R	R109	VE-30000650	RESISTOR CF	1/4W 33R J
C909	VE-30016654	CAPACITOR SMD	100nF 16V K R	R109	VE-30012692	RESISTOR SMD	1/16W 4.7K J
C910	VE-30000354	E CAPACITOR	100uF 35V M	R109	VE-30012692	RESISTOR SMD	1/16W 4.7K J
C910	VE-30000354	E CAPACITOR	100uF 35V M	R110	VE-30000594	RESISTOR CF	1/4W 22K J
C911	VE-30012582	CAPACITOR SMD	10nF 50V K R	R110	VE-30012692	RESISTOR SMD	1/16W 4.7K J
C911	VE-30012582	CAPACITOR SMD	10nF 50V K R	R110	VE-30012692	RESISTOR SMD	1/16W 4.7K J
C912	VE-30000359	E CAPACITOR	1000uF 16V M	R111	VE-30000712	RESISTOR CF	1/4W 470R J
C913	VE-30016654	CAPACITOR SMD	100nF 16V K R	R111	VE-30012510	RESISTOR SMD	1/16W 100R J
C913	VE-30016654	CAPACITOR SMD	100nF 16V K R	R111	VE-30012510	RESISTOR SMD	1/16W 100R J
C915	VE-30016654	CAPACITOR SMD	100nF 16V K R	R112	VE-30000594	RESISTOR CF	1/4W 22K J
C915	VE-30016654	CAPACITOR SMD	100nF 16V K R	R113	VE-30000712	RESISTOR CF	1/4W 470R J
C916	VE-30016654	CAPACITOR SMD	100nF 16V K R				

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
R114	VE-30000594	RESISTOR CF	1/4W 22K J		R175	VE-30012641	RESISTOR SMD	1/16W 10K J	
R115	VE-30000712	RESISTOR CF	1/4W 470R J		R176	VE-30012641	RESISTOR SMD	1/16W 10K J	
R121	VE-30012677	RESISTOR SMD	1/16W 3.3K J		R176	VE-30012641	RESISTOR SMD	1/16W 10K J	
R121	VE-30012677	RESISTOR SMD	1/16W 3.3K J		R177	VE-30012641	RESISTOR SMD	1/16W 10K J	
R122	VE-30012510	RESISTOR SMD	1/16W 100R J		R177	VE-30012641	RESISTOR SMD	1/16W 10K J	
R122	VE-30012510	RESISTOR SMD	1/16W 100R J		R178	VE-30012641	RESISTOR SMD	1/16W 10K J	
R123	VE-30012510	RESISTOR SMD	1/16W 100R J		R178	VE-30012641	RESISTOR SMD	1/16W 10K J	
R123	VE-30012510	RESISTOR SMD	1/16W 100R J		R179	VE-30012641	RESISTOR SMD	1/16W 10K J	
R127	VE-30012641	RESISTOR SMD	1/16W 10K J		R179	VE-30012641	RESISTOR SMD	1/16W 10K J	
R127	VE-30012641	RESISTOR SMD	1/16W 10K J		R180	VE-30012641	RESISTOR SMD	1/16W 10K J	
R128	VE-30012641	RESISTOR SMD	1/16W 10K J		R180	VE-30012641	RESISTOR SMD	1/16W 10K J	
R128	VE-30012641	RESISTOR SMD	1/16W 10K J		R181	VE-30012641	RESISTOR SMD	1/16W 10K J	
R130	VE-30030692	FERRITE NET	120R/100MHz 150mA		R181	VE-30012641	RESISTOR SMD	1/16W 10K J	
R130	VE-30030692	FERRITE NET	120R/100MHz 150mA		R182	VE-30012641	RESISTOR SMD	1/16W 10K J	
R131	VE-30030692	FERRITE NET	120R/100MHz 150mA		R182	VE-30012641	RESISTOR SMD	1/16W 10K J	
R131	VE-30030692	FERRITE NET	120R/100MHz 150mA		R183	VE-30012657	RESISTOR SMD	1/16W 1K J	
R132	VE-30030692	FERRITE NET	120R/100MHz 150mA		R183	VE-30012657	RESISTOR SMD	1/16W 1K J	
R132	VE-30030692	FERRITE NET	120R/100MHz 150mA		R184	VE-30012657	RESISTOR SMD	1/16W 1K J	
R133	VE-30030692	FERRITE NET	120R/100MHz 150mA		R184	VE-30012657	RESISTOR SMD	1/16W 1K J	
R133	VE-30030692	FERRITE NET	120R/100MHz 150mA		R185	VE-30012641	RESISTOR SMD	1/16W 10K J	
R134	VE-30030692	FERRITE NET	120R/100MHz 150mA		R185	VE-30012641	RESISTOR SMD	1/16W 10K J	
R134	VE-30030692	FERRITE NET	120R/100MHz 150mA		R189	VE-30012657	RESISTOR SMD	1/16W 1K J	
R135	VE-30030692	FERRITE NET	120R/100MHz 150mA		R189	VE-30012657	RESISTOR SMD	1/16W 1K J	
R135	VE-30030692	FERRITE NET	120R/100MHz 150mA		R197	VE-30022083	RESISTOR SMD	1/16W 330R J	
R136	VE-30012506	RESISTOR SMD	1/16W 1.5K J		R197	VE-30022083	RESISTOR SMD	1/16W 330R J	
R136	VE-30012506	RESISTOR SMD	1/16W 1.5K J		R300	VE-30012657	RESISTOR SMD	1/16W 1K J	
R137	VE-30012506	RESISTOR SMD	1/16W 1.5K J		R300	VE-30012657	RESISTOR SMD	1/16W 1K J	
R137	VE-30012506	RESISTOR SMD	1/16W 1.5K J		R301	VE-30018409	RESISTOR SARRAY	1/16W 330R J	
R138	VE-30012506	RESISTOR SMD	1/16W 1.5K J		R301	VE-30018409	RESISTOR SARRAY	1/16W 330R J	
R138	VE-30012506	RESISTOR SMD	1/16W 1.5K J		R302	VE-30018409	RESISTOR SARRAY	1/16W 330R J	
R139	VE-30012657	RESISTOR SMD	1/16W 1K J		R302	VE-30018409	RESISTOR SARRAY	1/16W 330R J	
R139	VE-30012657	RESISTOR SMD	1/16W 1K J		R303	VE-30018409	RESISTOR SARRAY	1/16W 330R J	
R141	VE-30012641	RESISTOR SMD	1/16W 10K J		R303	VE-30018409	RESISTOR SARRAY	1/16W 330R J	
R141	VE-30012641	RESISTOR SMD	1/16W 10K J		R304	VE-30018409	RESISTOR SARRAY	1/16W 330R J	
R142	VE-30012657	RESISTOR SMD	1/16W 1K J		R304	VE-30018409	RESISTOR SARRAY	1/16W 330R J	
R142	VE-30012657	RESISTOR SMD	1/16W 1K J		R305	VE-30018409	RESISTOR SARRAY	1/16W 330R J	
R143	VE-30012657	RESISTOR SMD	1/16W 1K J		R305	VE-30018409	RESISTOR SARRAY	1/16W 330R J	</

3-12(No.YA220)

3-14(No.YA220)

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
L701	VE-30001971	FERRITE SMD	600R/100MHz 200mA	JK106	VE-30001892	RCA JACK	1P RED 28 FAV
L701	VE-30001971	FERRITE SMD	600R/100MHz 200mA	JK107	VE-30033200	RCA JACK	1P BLACK 28 FAV
L702	VE-30001971	FERRITE SMD	600R/100MHz 200mA	JK700	VE-30001902	HEADPHONE JACK	STEREO WO/SW
L702	VE-30001971	FERRITE SMD	600R/100MHz 200mA	JK702	VE-30001891	RCA JACK	1P WHITE 28 FAV
L703	VE-30001971	FERRITE SMD	600R/100MHz 200mA	JK703	VE-30001892	RCA JACK	1P RED 28 FAV
L703	VE-30001971	FERRITE SMD	600R/100MHz 200mA	JK704	VE-30001892	RCA JACK	1P RED 28 FAV
L704	VE-30001971	FERRITE SMD	600R/100MHz 200mA	JK705	VE-30032233	RCA JACK	1P GREEN 28 FAV
L704	VE-30001971	FERRITE SMD	600R/100MHz 200mA	JK706	VE-30032234	RCA JACK	1P BLUE 28 FAV
L705	VE-30001971	FERRITE SMD	600R/100MHz 200mA	△JK901	VE-30027932	DC POWER SOCKET 7.5A	
L705	VE-30001971	FERRITE SMD	600R/100MHz 200mA	S730	VE-30012695	RESISTOR SMD	1/16W 470R J
L707	VE-30001971	FERRITE SMD	600R/100MHz 200mA	S730	VE-30012695	RESISTOR SMD	1/16W 470R J
L707	VE-30001971	FERRITE SMD	600R/100MHz 200mA	SW1	VE-30002181	TACT SWITCH	
L708	VE-30001971	FERRITE SMD	600R/100MHz 200mA	SW2	VE-30002181	TACT SWITCH	
L708	VE-30001971	FERRITE SMD	600R/100MHz 200mA	SW3	VE-30002181	TACT SWITCH	
L709	VE-30001971	FERRITE SMD	600R/100MHz 200mA	SW4	VE-30002181	TACT SWITCH	
L709	VE-30001971	FERRITE SMD	600R/100MHz 200mA	SW5	VE-30002181	TACT SWITCH	
L710	VE-30006712	FERRITE BEAD	3.5X4.7X0.8	SW7	VE-30002181	TACT SWITCH	
L710	VE-30006712	FERRITE BEAD	3.5X4.7X0.8	SW17	VE-30002181	TACT SWITCH	
L711	VE-30013412	FERRITE SMD	1.5K/100MHz	△TU500	VE-30020654	TUNER WSP (PLL)	38.9 MK3 - HORIZONTAL
L711	VE-30013412	FERRITE SMD	1.5K/100MHz	X100	VE-30017946	CLYSTAT	14.318 MHZ
L712	VE-30013412	FERRITE SMD	1.5K/100MHz	X300	VE-30006662	CLYSTAT	6.000 20p HC49U
L712	VE-30013412	FERRITE SMD	1.5K/100MHz	X400	VE-30008778	CLYSTAT	20.250 13p HC49U
L713	VE-30001971	FERRITE SMD	600R/100MHz 200mA	X500	VE-30021113	CLYSTAT	4MHZ LOW PROFILE
L713	VE-30001971	FERRITE SMD	600R/100MHz 200mA	X700	VE-30001756	CLYSTAT	18.432 12p HC49U
L714	VE-30001971	FERRITE SMD	600R/100MHz 200mA	Z500	VE-30014261	SAW FILTER	K3958M
L714	VE-30001971	FERRITE SMD	600R/100MHz 200mA	Z501	VE-30013163	SAW FILTER	K9356
L715	VE-30001971	FERRITE SMD	600R/100MHz 200mA				
L715	VE-30001971	FERRITE SMD	600R/100MHz 200mA				
L716	VE-30001971	FERRITE SMD	600R/100MHz 200mA				
L716	VE-30001971	FERRITE SMD	600R/100MHz 200mA				
L717	VE-30001971	FERRITE SMD	600R/100MHz 200mA				
L717	VE-30001971	FERRITE SMD	600R/100MHz 200mA				
L718	VE-30024779	FERRITE SMD	50R/100MHz 3A				
L718	VE-30024779	FERRITE SMD	50R/100MHz 3A				
L719	VE-30024779	FERRITE SMD	50R/100MHz 3A				
L719	VE-30024779	FERRITE SMD	50R/100MHz 3A				
L721	VE-30024779	FERRITE SMD	50R/100MHz 3A				
L721	VE-30024779	FERRITE SMD	50R/100MHz 3A				
L722	VE-30024779	FERRITE SMD	50R/100MHz 3A				
L722	VE-30024779	FERRITE SMD	50R/100MHz 3A				
L723	VE-30001971	FERRITE SMD	600R/100MHz 200mA				
L723	VE-30001971	FERRITE SMD	600R/100MHz 200mA				
L724	VE-30013412	FERRITE SMD	1.5K/100MHz				
L724	VE-30013412	FERRITE SMD	1.5K/100MHz				
L725	VE-30013412	FERRITE SMD	1.5K/100MHz				
L725	VE-30013412	FERRITE SMD	1.5K/100MHz				
L726	VE-30001971	FERRITE SMD	600R/100MHz 200mA				
L726	VE-30001971	FERRITE SMD	600R/100MHz 200mA				
L727	VE-30001971	FERRITE SMD	600R/100MHz 200mA				
L727	VE-30001971	FERRITE SMD	600R/100MHz 200mA				
L727	VE-30001971	FERRITE SMD	600R/100MHz 200mA				
L728	VE-30001971	FERRITE SMD	600R/100MHz 200mA				
L728	VE-30001971	FERRITE SMD	600R/100MHz 200mA				
L729	VE-30001971	FERRITE SMD	600R/100MHz 200mA				
L729	VE-30001971	FERRITE SMD	600R/100MHz 200mA				
L734	VE-30001971	FERRITE SMD	600R/100MHz 200mA				
L734	VE-30001971	FERRITE SMD	600R/100MHz 200mA				
L800	VE-30018093	FIXED COIL SMD	3.3uH J Q30 185mA				
L800	VE-30018093	FIXED COIL SMD	3.3uH J Q30 185mA				
L801	VE-30002170	FERRITE CORE	1A RAD (FTZ)				
L802	VE-30020394	FERRITE SMD	330R/100MHz 3A				
L802	VE-30020394	FERRITE SMD	330R/100MHz 3A				
L803	VE-30020394	FERRITE SMD	330R/100MHz 3A				
L803	VE-30020394	FERRITE SMD	330R/100MHz 3A				
L805	VE-30001971	FERRITE SMD	600R/100MHz 200mA				
L805	VE-30001971	FERRITE SMD	600R/100MHz 200mA				
L900	VE-30002170	FERRITE CORE	1A RAD (FTZ)				
L901	VE-30019475	FIXED COIL	47uH 2A RAD SH 14X16				
L903	VE-30002170	FERRITE CORE	1A RAD (FTZ)				
L904	VE-30019475	FIXED COIL	47uH 2A RAD SH 14X16				
L906	VE-30001996	FIXED COIL	22uH Q40 K				
L906	VE-30001996	FIXED COIL	22uH Q40 K				
L907	VE-30002170	FERRITE CORE	1A RAD (FTZ)				
L908	VE-30019475	FIXED COIL	47uH 2A RAD SH 14X16				
L910	VE-30002002	FIXED COIL	47uH Q60 K				
L910	VE-30002002	FIXED COIL	47uH Q60 K				
L911	VE-30011450	FIXED COIL	22uH 5.4A RAD 11.5*15.5				
△F900	VE-30028331	FUSE	7A/32VDC 1206				
△F900	VE-30028331	FUSE	7A/32VDC 1206				
△F901	VE-30028331	FUSE	7A/32VDC 1206				
△F901	VE-30028331	FUSE	7A/32VDC 1206				
JK100	VE-30001900	HEADPHONE JACK	HP01/2/3/4/5/6				
JK101	VE-30001893	RCA JACK	1P YELLOW 28 FAV				
JK102	VE-30001891	RCA JACK	1P WHITE 28 FAV				
JK103	VE-30001892	RCA JACK	1P RED 28 FAV				
JK104	VE-30001895	JACK	4P DIN TYPE FOR SVHS				
JK105	VE-30001891	RCA JACK	1P WHITE 28 FAV				

PRINTED WIRING BOARD PARTS LIST

[LT-23C50BU, LT-23C50BU/Z, LT-23C50SU, LT-23C50SU/Z, LT-23C88SJ]

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
IC1	VE-30001670	PREAMPLIFIER TFMS5360		D2	VE-30019678	LED	RED/GREEN
IC100	VE-30020865	IC		D100	VE-30001285	DIODE SMD	
IC101	VE-30032066	IC		D101	VE-30001285	DIODE SMD	
IC102	VE-30018006	IC		D103	VE-30007169	DIODE	
IC104	VE-30019132	IC		D105	VE-30007169	DIODE	
IC105	VE-30034805	IC		D107	VE-30007169	DIODE	
IC106	VE-30017956	IC		D108	VE-30025773	DIODE SMD	
IC107	VE-30019372	IC		D109	VE-30025773	DIODE SMD	
IC109	VE-30010822	IC		D111	VE-30007169	DIODE	
IC300	VE-30001853	IC		D112	VE-30007169	DIODE	
IC300	VE-30018652	IC		D114	VE-30007763	DIODE SMD	
IC301	VE-20182313	IC(MICOM)	(SERVICE)	D300	VE-30012412	DIODE SMD	
IC302	VE-20180593	IC(MEMORY)	(SERVICE)	D301	VE-30001285	DIODE SMD	
IC400	VE-30015059	IC		D302	VE-30001285	DIODE SMD	
IC402	VE-30004999	IC		D305	VE-30001285	DIODE SMD	
IC403	VE-30019372	IC		D306	VE-30001285	DIODE SMD	
IC500	VE-30021083	IC		D307	VE-30001285	DIODE SMD	
IC600	VE-30013686	IC		D500	VE-30001285	DIODE SMD	
IC700	VE-30018263	IC		D501	VE-30012411	DIODE SMD	
IC701	VE-30010024	IC		D600	VE-30007760	DIODE SMD	
IC702	VE-30027663	IC		D700	VE-30007761	DIODE SMD	
IC705	VE-30010822	IC		D701	VE-30001285	DIODE SMD	
IC800	VE-30017847	IC		D702	VE-30001285	DIODE SMD	
IC901	VE-30027613	IC		D703	VE-30001285	DIODE SMD	
IC902	VE-30014344	TRANSISTOR		D704	VE-30007760	DIODE SMD	
IC904	VE-30027612	IC		D706	VE-30007760	DIODE SMD	
IC906	VE-30018326	IC		D707	VE-30007760	DIODE SMD	
IC907	VE-30027635	IC		D708	VE-30007760	DIODE SMD	
IC909	VE-30007739	IC		D709	VE-30007760	DIODE SMD	
IC910	VE-30007739	IC		D710	VE-30007760	DIODE SMD	
Q100	VE-30001457	TRANSISTOR SMD		D711	VE-30007760	DIODE SMD	
Q101	VE-30018060	TRANSISTOR		D712	VE-30007760	DIODE SMD	
Q103	VE-30001457	TRANSISTOR SMD		D713	VE-30007760	DIODE SMD	
Q104	VE-30001457	TRANSISTOR SMD		D714	VE-30007760	DIODE SMD	
Q105	VE-30001457	TRANSISTOR SMD		D715	VE-30007760	DIODE SMD	
Q300	VE-30001458	TRANSISTOR SMD		D716	VE-30007760	DIODE SMD	
Q301	VE-30001457	TRANSISTOR SMD		D717	VE-30007760	DIODE SMD	
Q302	VE-30001457	TRANSISTOR SMD		D719	VE-30001285	DIODE SMD	
Q303	VE-30001457	TRANSISTOR SMD		D720	VE-30007760	DIODE SMD	
Q304	VE-30001457	TRANSISTOR SMD		D721	VE-30007760	DIODE SMD	
Q305	VE-30001457	TRANSISTOR SMD		D722	VE-30007760	DIODE SMD	
Q306	VE-30001457	TRANSISTOR SMD		D723	VE-30018574	DIODE	
Q307	VE-30001457	TRANSISTOR SMD		D725	VE-30009699	DIODE SMD	
Q308	VE-30001458	TRANSISTOR SMD		D726	VE-30009699	DIODE SMD	
Q309	VE-30001457	TRANSISTOR SMD		D900	VE-30001313	DIODE	
Q310	VE-30001458	TRANSISTOR SMD		D901	VE-30001313	DIODE	
Q311	VE-30001423	TRANSISTOR		D902	VE-30001285	DIODE SMD	
Q312	VE-30001458	TRANSISTOR SMD		D903	VE-30001343	DIODE	
Q313	VE-30001457	TRANSISTOR SMD		D904	VE-30001313	DIODE	
Q314	VE-30001457	TRANSISTOR SMD		D905	VE-30001285	DIODE SMD	
Q315	VE-30001457	TRANSISTOR SMD		D906	VE-30001285	DIODE SMD	
Q316	VE-30001457	TRANSISTOR SMD		C1	VE-30000371	E CAPACITOR	22uF 50V M
Q317	VE-30001457	TRANSISTOR SMD		C100	VE-30012566	CAPACITOR SMD	22pF 50V J
Q318	VE-30001458	TRANSISTOR SMD		C100	VE-30012589	CAPACITOR SMD	4.7nF 50V K
Q319	VE-30001458	TRANSISTOR SMD		C101	VE-30012566	CAPACITOR SMD	22pF 50V J
Q400	VE-30001457	TRANSISTOR SMD		C101	VE-30012589	CAPACITOR SMD	4.7nF 50V K
Q501	VE-30001457	TRANSISTOR SMD		C102	VE-30000190	C CAPACITOR	100pF 50V J CH
Q502	VE-30001457	TRANSISTOR SMD		C102	VE-30016654	CAPACITOR SMD	100nF 16V K R
Q600	VE-30001457	TRANSISTOR SMD		C103	VE-30000190	C CAPACITOR	100pF 50V J CH
Q601	VE-30001457	TRANSISTOR SMD		C104	VE-30000190	C CAPACITOR	100pF 50V J CH
Q602	VE-30001457	TRANSISTOR SMD		C104	VE-30016654	CAPACITOR SMD	100nF 16V K R
Q603	VE-30001457	TRANSISTOR SMD		C105	VE-30000190	C CAPACITOR	100pF 50V J CH
Q700	VE-30001458	TRANSISTOR SMD		C105	VE-30016654	CAPACITOR SMD	100nF 16V K R
Q701	VE-30001457	TRANSISTOR SMD		C106	VE-30000190	C CAPACITOR	100pF 50V J CH
Q702	VE-30001457	TRANSISTOR SMD		C106	VE-30016654	CAPACITOR SMD	100nF 16V K R
Q703	VE-30001457	TRANSISTOR SMD		C107	VE-30000190	C CAPACITOR	100pF 50V J CH
Q704	VE-30001457	TRANSISTOR SMD		C107	VE-30016654	CAPACITOR SMD	100nF 16V K R
Q705	VE-30001457	TRANSISTOR SMD		C107	VE-30016654	CAPACITOR SMD	100pF 50V J CH
Q706	VE-30001457	TRANSISTOR SMD		C108	VE-30000190	C CAPACITOR	100pF 50V J CH
Q708	VE-30001458	TRANSISTOR SMD		C108	VE-30012582	CAPACITOR SMD	10nF 50V K R
Q709	VE-30001457	TRANSISTOR SMD		C109	VE-30012582	CAPACITOR SMD	10nF 50V K R
Q900	VE-30001457	TRANSISTOR SMD		C110	VE-30012582	CAPACITOR SMD	10nF 50V K R
Q901	VE-30001457	TRANSISTOR SMD		C111	VE-30012582	CAPACITOR SMD	10nF 50V K R
Q902	VE-30001454	TRANSISTOR		C112	VE-30016654	CAPACITOR SMD	100nF 16V K R
Q904	VE-30001457	TRANSISTOR SMD		C113	VE-30012582	CAPACITOR SMD	10nF 50V K R
Q905	VE-30001457	TRANSISTOR SMD		C114	VE-30016654	CAPACITOR SMD	100nF 16V K R
D1	VE-30016020	DIODE		C115	VE-30000371	E CAPACITOR	22uF 50V M
				C116	VE-30012590	CAPACITOR SMD	47nF 50V K
				C117	VE-30012590	CAPACITOR SMD	47nF 50V K
				C118	VE-30012590	CAPACITOR SMD	47nF 50V K
				C120	VE-30016654	CAPACITOR SMD	100nF 16V K R

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C121	VE-30016654	CAPACITOR SMD	100nF 16V K R	C333	VE-30016654	CAPACITOR SMD	100nF 16V K R
C122	VE-30016654	CAPACITOR SMD	100nF 16V K R	C334	VE-30000354	E CAPACITOR	100uF 35V M
C123	VE-30016654	CAPACITOR SMD	100nF 16V K R	C335	VE-30016654	CAPACITOR SMD	100nF 16V K R
C124	VE-30016654	CAPACITOR SMD	100nF 16V K R	C336	VE-30012611	CAPACITOR SMD	120pF 50V J
C125	VE-30016654	CAPACITOR SMD	100nF 16V K R	C337	VE-30016654	CAPACITOR SMD	100nF 16V K R
C126	VE-30016654	CAPACITOR SMD	100nF 16V K R	C338	VE-30016654	CAPACITOR SMD	100nF 16V K R
C127	VE-30016654	CAPACITOR SMD	100nF 16V K R	C339	VE-30016654	CAPACITOR SMD	100nF 16V K R
C128	VE-30016654	CAPACITOR SMD	100nF 16V K R	C340	VE-30020694	CAPACITOR SMD	1uF 16V Z Y5V
C129	VE-30016654	CAPACITOR SMD	100nF 16V K R	C400	VE-30012609	CAPACITOR SMD	68nF 50V K
C130	VE-30016654	CAPACITOR SMD	100nF 16V K R	C401	VE-30012583	CAPACITOR SMD	1.5nF 50V K
C131	VE-30016654	CAPACITOR SMD	100nF 16V K R	C402	VE-30012590	CAPACITOR SMD	47nF 50V K
C132	VE-30012581	CAPACITOR SMD	1nF 50V K R	C403	VE-30016654	CAPACITOR SMD	100nF 16V K R
C133	VE-30012587	CAPACITOR SMD	3.3nF 50V K	C404	VE-30012613	CAPACITOR SMD	3.3pF 50V C CH
C134	VE-30012605	CAPACITOR SMD	39nF 50V M	C405	VE-30012613	CAPACITOR SMD	3.3pF 50V C CH
C136	VE-30016654	CAPACITOR SMD	100nF 16V K R	C406	VE-30000315	CAPACITOR SMD	220nF 25V Z
C137	VE-30016654	CAPACITOR SMD	100nF 16V K R	C407	VE-30012583	CAPACITOR SMD	1.5nF 50V K
C138	VE-30000371	E CAPACITOR	22uF 50V M	C408	VE-30012572	CAPACITOR SMD	390pF 50V J
C139	VE-30000371	E CAPACITOR	22uF 50V M	C409	VE-30000345	E CAPACITOR	10uF 50V M
C146	VE-30000109	CAPACITOR MKT	470nF 63V J	C410	VE-30012590	CAPACITOR SMD	47nF 50V K
C147	VE-30016654	CAPACITOR SMD	100nF 16V K R	C411	VE-30000068	CAPACITOR MKT	1nF 63V K
C148	VE-30012575	CAPACITOR SMD	4.7pF 50V C CH	C412	VE-30007082	CAPACITOR MKT	680nF 63V J
C149	VE-30012575	CAPACITOR SMD	4.7pF 50V C CH	C413	VE-30007082	CAPACITOR MKT	680nF 63V J
C150	VE-30016654	CAPACITOR SMD	100nF 16V K R	C414	VE-30012582	CAPACITOR SMD	10nF 50V K R
C151	VE-30016654	CAPACITOR SMD	100nF 16V K R	C415	VE-30000345	E CAPACITOR	10uF 50V M
C152	VE-30016654	CAPACITOR SMD	100nF 16V K R	C416	VE-30012590	CAPACITOR SMD	47nF 50V K
C153	VE-30012567	CAPACITOR SMD	220pF 50V J	C420	VE-30000294	CAPACITOR SMD	100nF 50V K
C154	VE-30012567	CAPACITOR SMD	220pF 50V J	C421	VE-30000294	CAPACITOR SMD	100nF 50V K
C155	VE-30012567	CAPACITOR SMD	220pF 50V J	C422	VE-30000294	CAPACITOR SMD	100nF 50V K
C156	VE-30000371	E CAPACITOR	22uF 50V M	C424	VE-30016654	CAPACITOR SMD	100nF 16V K R
C157	VE-30016654	CAPACITOR SMD	100nF 16V K R	C425	VE-30000315	CAPACITOR SMD	220nF 25V Z
C158	VE-30012567	CAPACITOR SMD	220pF 50V J	C426	VE-30012583	CAPACITOR SMD	1.5nF 50V K
C159	VE-30016654	CAPACITOR SMD	100nF 16V K R	C427	VE-30012572	CAPACITOR SMD	390pF 50V J
C160	VE-30012567	CAPACITOR SMD	220pF 50V J	C428	VE-30012590	CAPACITOR SMD	47nF 50V K
C161	VE-30012567	CAPACITOR SMD	220pF 50V J	C429	VE-30012583	CAPACITOR SMD	1.5nF 50V K
C162	VE-30000371	E CAPACITOR	22uF 50V M	C430	VE-30012609	CAPACITOR SMD	68nF 50V K
C163	VE-30016654	CAPACITOR SMD	100nF 16V K R	C431	VE-30000315	CAPACITOR SMD	220nF 25V Z
C164	VE-30012567	CAPACITOR SMD	220pF 50V J	C432	VE-30000315	CAPACITOR SMD	220nF 25V Z
C165	VE-30016654	CAPACITOR SMD	100nF 16V K R	C433	VE-30000315	CAPACITOR SMD	220nF 25V Z
C166	VE-30012567	CAPACITOR SMD	220pF 50V J	C434	VE-30012570	CAPACITOR SMD	330pF 50V J
C167	VE-30016654	CAPACITOR SMD	100nF 16V K R	C435	VE-30012570	CAPACITOR SMD	330pF 50V J
C168	VE-30016654	CAPACITOR SMD	100nF 16V K R	C436	VE-30012570	CAPACITOR SMD	330pF 50V J
C169	VE-30012567	CAPACITOR SMD	220pF 50V J	C437	VE-30007082	CAPACITOR MKT	680nF 63V J
C170	VE-30012567	CAPACITOR SMD	220pF 50V J	C438	VE-30000371	E CAPACITOR	22uF 50V M
C171	VE-30016654	CAPACITOR SMD	100nF 16V K R	C439	VE-30012609	CAPACITOR SMD	68nF 50V K
C172	VE-30012567	CAPACITOR SMD	220pF 50V J	C440	VE-30000352	E CAPACITOR	100uF 16V M
C174	VE-30016654	CAPACITOR SMD	100nF 16V K R	C441	VE-30016654	CAPACITOR SMD	100nF 16V K R
C175	VE-30012567	CAPACITOR SMD	220pF 50V J	C442	VE-30012569	CAPACITOR SMD	33pF 50V J
C176	VE-30016654	CAPACITOR SMD	100nF 16V K R	C443	VE-30016654	CAPACITOR SMD	100nF 16V K R
C177	VE-30000371	E CAPACITOR	22uF 50V M	C445	VE-30016654	CAPACITOR SMD	100nF 16V K R
C178	VE-30016654	CAPACITOR SMD	100nF 16V K R	C486	VE-30016654	CAPACITOR SMD	100nF 16V K R
C183	VE-30016654	CAPACITOR SMD	100nF 16V K R	C487	VE-30016654	CAPACITOR SMD	100nF 16V K R
C185	VE-30000352	E CAPACITOR	100uF 16V M	C488	VE-30016654	CAPACITOR SMD	100nF 16V K R
C187	VE-30012573	CAPACITOR SMD	47pF 50V J	C489	VE-30016654	CAPACITOR SMD	100nF 16V K R
C189	VE-30016654	CAPACITOR SMD	100nF 16V K R	C490	VE-30016654	CAPACITOR SMD	100nF 16V K R
C190	VE-30016654	CAPACITOR SMD	100nF 16V K R	C491	VE-30016654	CAPACITOR SMD	100nF 16V K R
C217	VE-30012581	CAPACITOR SMD	1nF 50V K R	C492	VE-30000345	E CAPACITOR	10uF 50V M
C218	VE-30012575	CAPACITOR SMD	4.7pF 50V C CH	C493	VE-30000294	CAPACITOR SMD	100nF 50V K
C219	VE-30024742	E CAPACITOR	10uF 16V N	C494	VE-30012569	CAPACITOR SMD	33pF 50V J
C300	VE-30000352	E CAPACITOR	100uF 16V M	C495	VE-30012569	CAPACITOR SMD	33pF 50V J
C301	VE-30016654	CAPACITOR SMD	100nF 16V K R	C496	VE-30012569	CAPACITOR SMD	33pF 50V J
C302	VE-30000371	E CAPACITOR	22uF 50V M	C502	VE-30016654	CAPACITOR SMD	100nF 16V K R
C303	VE-30016654	CAPACITOR SMD	100nF 16V K R	C503	VE-30000345	E CAPACITOR	10uF 50V M
C304	VE-30016654	CAPACITOR SMD	100nF 16V K R	C505	VE-30000400	E CAPACITOR	47uF 50V M
C305	VE-30000371	E CAPACITOR	22uF 50V M	C506	VE-30012582	CAPACITOR SMD	10nF 50V K R
C306	VE-30016654	CAPACITOR SMD	100nF 16V K R	C507	VE-30012572	CAPACITOR SMD	390pF 50V J
C307	VE-30016654	CAPACITOR SMD	100nF 16V K R	C508	VE-30000109	CAPACITOR MKT	470nF 63V J
C308	VE-30000371	E CAPACITOR	22uF 50V M	C509	VE-30012582	CAPACITOR SMD	10nF 50V K R
C309	VE-30016654	CAPACITOR SMD	100nF 16V K R	C510	VE-30012566	CAPACITOR SMD	22pF 50V J
C310	VE-30016654	CAPACITOR SMD	100nF 16V K R	C511	VE-30000109	CAPACITOR MKT	470nF 63V J
C311	VE-30016654	CAPACITOR SMD	100nF 16V K R	C512	VE-30016654	CAPACITOR SMD	100nF 16V K R
C312	VE-30016654	CAPACITOR SMD	100nF 16V K R	C513	VE-30012583	CAPACITOR SMD	1.5nF 50V K
C313	VE-30016654	CAPACITOR SMD	100nF 16V K R	C514	VE-30016654	CAPACITOR SMD	100nF 16V K R
C314	VE-30000109	CAPACITOR MKT	470nF 63V J	C515	VE-30016654	CAPACITOR SMD	100nF 16V K R
C315	VE-30016654	CAPACITOR SMD	100nF 16V K R	C517	VE-30012569	CAPACITOR SMD	33pF 50V J
C316	VE-30000352	E CAPACITOR	100uF 16V M	C519	VE-30016654	CAPACITOR SMD	100nF 16V K R
C317	VE-30012569	CAPACITOR SMD	33pF 50V J	C520	VE-30012582	CAPACITOR SMD	10nF 50V K R
C318	VE-30012569	CAPACITOR SMD	33pF 50V J	C522	VE-30000315	CAPACITOR SMD	220nF 25V Z
C319	VE-30000371	E CAPACITOR	22uF 50V M	C523	VE-30000371	E CAPACITOR	22uF 50V M
C320	VE-30016654	CAPACITOR SMD	100nF 16V K R	C524	VE-30016654	CAPACITOR SMD	100nF 16V K R
C321	VE-30016654	CAPACITOR SMD	100nF 16V K R	C525	VE-30000407	E CAPACITOR	470uF 16V M
C324	VE-30000371	E CAPACITOR	22uF 50V M	C526	VE-30016654	CAPACITOR SMD	100nF 16V K R
C325	VE-30012611	CAPACITOR SMD	120pF 50V J	C527	VE-30000345	E CAPACITOR	10uF 50V M
C326	VE-30012576	CAPACITOR SMD	56pF 50V J CH	C600	VE-30000352	E CAPACITOR	100uF 16V M
C327	VE-30016654	CAPACITOR SMD	100nF 16V K R	C601	VE-30000074	CAPACITOR MKT	100nF 63V J
C328	VE-30000393	E CAPACITOR	3.3uF 50V M	C602	VE-30000074	CAPACITOR MKT	100nF 63V J
C331	VE-30012607	CAPACITOR SMD	150pF 50V J	C603	VE-30000074	CAPACITOR MKT	100nF 63V J
C332	VE-30016654	CAPACITOR SMD	100nF 16V K R	C604	VE-30016654	CAPACITOR SMD	100nF 16V K R

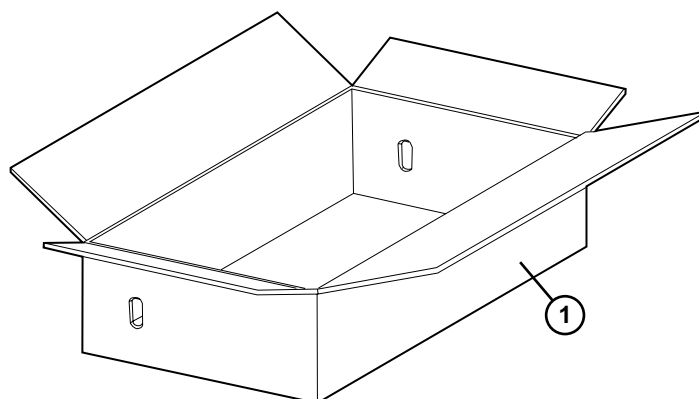
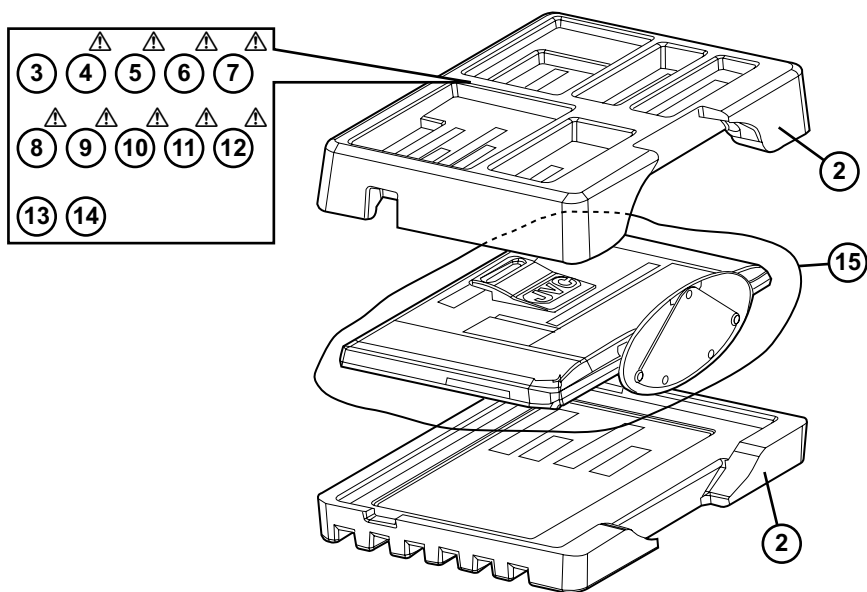
△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C605	VE-30016654	CAPACITOR SMD	100nF 16V K R	C777	VE-30000294	CAPACITOR SMD	100nF 50V K
C606	VE-30000074	CAPACITOR MKT	100nF 63V J	C778	VE-30000294	CAPACITOR SMD	100nF 50V K
C607	VE-30012569	CAPACITOR SMD	33pF 50V J	C779	VE-30012567	CAPACITOR SMD	220pF 50V J
C608	VE-30016654	CAPACITOR SMD	100nF 16V K R	C780	VE-30012582	CAPACITOR SMD	10nF 50V K R
C609	VE-30016654	CAPACITOR SMD	100nF 16V K R	C781	VE-30012582	CAPACITOR SMD	10nF 50V K R
C610	VE-30016654	CAPACITOR SMD	100nF 16V K R	C782	VE-30000294	CAPACITOR SMD	100nF 50V K
C611	VE-30016654	CAPACITOR SMD	100nF 16V K R	C783	VE-30000294	CAPACITOR SMD	100nF 50V K
C612	VE-30016654	CAPACITOR SMD	100nF 16V K R	C784	VE-30000345	E CAPACITOR	10uF 50V M
C613	VE-30016654	CAPACITOR SMD	100nF 16V K R	C785	VE-30012581	CAPACITOR SMD	1nF 50V K R
C614	VE-30016654	CAPACITOR SMD	100nF 16V K R	C786	VE-30012581	CAPACITOR SMD	1nF 50V K R
C700	VE-30016654	CAPACITOR SMD	100nF 16V K R	C787	VE-30020694	CAPACITOR SMD	1uF 16V Z Y5V
C701	VE-30012587	CAPACITOR SMD	3.3nF 50V K	C788	VE-30020694	CAPACITOR SMD	1uF 16V Z Y5V
C702	VE-30000352	E CAPACITOR	100uF 16V M	C789	VE-30020694	CAPACITOR SMD	1uF 16V Z Y5V
C703	VE-30012587	CAPACITOR SMD	3.3nF 50V K	C790	VE-30020694	CAPACITOR SMD	1uF 16V Z Y5V
C704	VE-30012589	CAPACITOR SMD	4.7nF 50V K	C791	VE-30020694	CAPACITOR SMD	1uF 16V Z Y5V
C705	VE-30012589	CAPACITOR SMD	4.7nF 50V K	C792	VE-30000294	CAPACITOR SMD	100nF 50V K
C706	VE-30012589	CAPACITOR SMD	4.7nF 50V K	C793	VE-30012582	CAPACITOR SMD	10nF 50V K R
C707	VE-30012589	CAPACITOR SMD	4.7nF 50V K	C794	VE-30012582	CAPACITOR SMD	10nF 50V K R
C708	VE-30016654	CAPACITOR SMD	100nF 16V K R	C795	VE-30012581	CAPACITOR SMD	1nF 50V K R
C709	VE-30000315	CAPACITOR SMD	220nF 25V Z	C796	VE-30012581	CAPACITOR SMD	1nF 50V K R
C710	VE-30000315	CAPACITOR SMD	220nF 25V Z	C797	VE-30000294	CAPACITOR SMD	100nF 50V K
C711	VE-30000315	CAPACITOR SMD	220nF 25V Z	C798	VE-30012574	CAPACITOR SMD	470pF 50V J
C712	VE-30000315	CAPACITOR SMD	220nF 25V Z	C799	VE-30012567	CAPACITOR SMD	220pF 50V J
C713	VE-30012576	CAPACITOR SMD	56pF 50V J CH	C801	VE-30000294	CAPACITOR SMD	100nF 50V K
C714	VE-30016654	CAPACITOR SMD	100nF 16V K R	C802	VE-30000294	CAPACITOR SMD	100nF 50V K
C715	VE-30000393	E CAPACITOR	3.3uF 50V M	C803	VE-30000345	E CAPACITOR	10uF 50V M
C716	VE-30000345	E CAPACITOR	10uF 50V M	C804	VE-30016654	CAPACITOR SMD	100nF 16V K R
C717	VE-30000345	E CAPACITOR	10uF 50V M	C805	VE-30012581	CAPACITOR SMD	1nF 50V K R
C718	VE-30000345	E CAPACITOR	10uF 50V M	C806	VE-30000354	E CAPACITOR	100uF 35V M
C719	VE-30012581	CAPACITOR SMD	1nF 50V K R	C807	VE-30012574	CAPACITOR SMD	470pF 50V J
C720	VE-30012581	CAPACITOR SMD	1nF 50V K R	C808	VE-30000315	CAPACITOR SMD	220nF 25V Z
C721	VE-30012565	CAPACITOR SMD	1.8pF 50V J CH	C808	VE-30016654	CAPACITOR SMD	100nF 16V K R
C722	VE-30012565	CAPACITOR SMD	1.8pF 50V J CH	C809	VE-30000315	CAPACITOR SMD	220nF 25V Z
C723	VE-30012581	CAPACITOR SMD	1nF 50V K R	C810	VE-30012582	CAPACITOR SMD	10nF 50V K R
C724	VE-30012581	CAPACITOR SMD	1nF 50V K R	C811	VE-30016654	CAPACITOR SMD	100nF 16V K R
C725	VE-30012585	CAPACITOR SMD	2.2nF 50V K R	C812	VE-30000315	CAPACITOR SMD	220nF 25V Z
C726	VE-30012576	CAPACITOR SMD	56pF 50V J CH	C814	VE-30016654	CAPACITOR SMD	100nF 16V K R
C727	VE-30016654	CAPACITOR SMD	100nF 16V K R	C815	VE-30012582	CAPACITOR SMD	10nF 50V K R
C728	VE-30016654	CAPACITOR SMD	100nF 16V K R	C816	VE-30012582	CAPACITOR SMD	10nF 50V K R
C729	VE-30012585	CAPACITOR SMD	2.2nF 50V K R	C817	VE-30016654	CAPACITOR SMD	100nF 16V K R
C730	VE-30012607	CAPACITOR SMD	150pF 50V J	C818	VE-30016654	CAPACITOR SMD	100nF 16V K R
C731	VE-30012607	CAPACITOR SMD	150pF 50V J	C820	VE-30000315	CAPACITOR SMD	220nF 25V Z
C732	VE-30000315	CAPACITOR SMD	220nF 25V Z	C823	VE-30012560	CAPACITOR SMD	100pF 50V J
C733	VE-30000315	CAPACITOR SMD	220nF 25V Z	C824	VE-30012560	CAPACITOR SMD	100pF 50V J
C734	VE-30016654	CAPACITOR SMD	100nF 16V K R	C825	VE-30012581	CAPACITOR SMD	1nF 50V K R
C735	VE-30012583	CAPACITOR SMD	1.5nF 50V K	C827	VE-30000352	E CAPACITOR	100uF 16V M
C736	VE-30000352	E CAPACITOR	100uF 16V M	C828	VE-30016654	CAPACITOR SMD	100nF 16V K R
C737	VE-30012589	CAPACITOR SMD	4.7nF 50V K	C829	VE-30012582	CAPACITOR SMD	10nF 50V K R
C738	VE-30000352	E CAPACITOR	100uF 16V M	C830	VE-30016654	CAPACITOR SMD	100nF 16V K R
C739	VE-30000362	E CAPACITOR	1uF 50V M	C831	VE-30000371	E CAPACITOR	22uF 50V M
C740	VE-30012583	CAPACITOR SMD	1.5nF 50V K	C832	VE-30012562	CAPACITOR SMD	15pF 50V J
C741	VE-30012589	CAPACITOR SMD	4.7nF 50V K	C833	VE-30016654	CAPACITOR SMD	100nF 16V K R
C742	VE-30000371	E CAPACITOR	22uF 50V M	C834	VE-30020694	CAPACITOR SMD	1uF 16V Z Y5V
C743	VE-30000371	E CAPACITOR	22uF 50V M	C835	VE-30020694	CAPACITOR SMD	1uF 16V Z Y5V
C744	VE-30000371	E CAPACITOR	22uF 50V M	C837	VE-30020694	CAPACITOR SMD	1uF 16V Z Y5V
C745	VE-30000371	E CAPACITOR	22uF 50V M	C839	VE-30020694	CAPACITOR SMD	1uF 16V Z Y5V
C746	VE-30012567	CAPACITOR SMD	220pF 50V J	C840	VE-30020694	CAPACITOR SMD	1uF 16V Z Y5V
C747	VE-30012574	CAPACITOR SMD	470pF 50V J	C846	VE-30000407	E CAPACITOR	470uF 16V M
C748	VE-30012582	CAPACITOR SMD	10nF 50V K R	C847	VE-30012569	CAPACITOR SMD	33pF 50V J
C749	VE-30016654	CAPACITOR SMD	100nF 16V K R	C848	VE-30012569	CAPACITOR SMD	33pF 50V J
C750	VE-30012576	CAPACITOR SMD	56pF 50V J CH	C849	VE-30012574	CAPACITOR SMD	470pF 50V J
C751	VE-30000407	E CAPACITOR	470uF 16V M	C850	VE-30012569	CAPACITOR SMD	33pF 50V J
C752	VE-30012585	CAPACITOR SMD	2.2nF 50V K R	C851	VE-30012574	CAPACITOR SMD	470pF 50V J
C753	VE-30012585	CAPACITOR SMD	2.2nF 50V K R	C852	VE-30012574	CAPACITOR SMD	470pF 50V J
C754	VE-30012574	CAPACITOR SMD	470pF 50V J	C853	VE-30012574	CAPACITOR SMD	470pF 50V J
C755	VE-30012574	CAPACITOR SMD	470pF 50V J	C858	VE-30012569	CAPACITOR SMD	33pF 50V J
C756	VE-30012585	CAPACITOR SMD	2.2nF 50V K R	C859	VE-30012569	CAPACITOR SMD	33pF 50V J
C757	VE-30012585	CAPACITOR SMD	2.2nF 50V K R	C860	VE-30012569	CAPACITOR SMD	33pF 50V J
C758	VE-30000315	CAPACITOR SMD	220nF 25V Z	C861	VE-30020694	CAPACITOR SMD	1uF 16V Z Y5V
C759	VE-30000315	CAPACITOR SMD	220nF 25V Z	C862	VE-30016654	CAPACITOR SMD	100nF 16V K R
C760	VE-30012581	CAPACITOR SMD	1nF 50V K R	C863	VE-30012581	CAPACITOR SMD	1nF 50V K R
C761	VE-30012581	CAPACITOR SMD	1nF 50V K R	C900	VE-30000354	E CAPACITOR	100uF 35V M
C762	VE-30012589	CAPACITOR SMD	4.7nF 50V K	C903	VE-30000354	E CAPACITOR	100uF 35V M
C763	VE-30012589	CAPACITOR SMD	4.7nF 50V K	C904	VE-30012582	CAPACITOR SMD	10nF 50V K R
C764	VE-30012589	CAPACITOR SMD	4.7nF 50V K	C908	VE-30000359	E CAPACITOR	1000uF 16V M
C765	VE-30012589	CAPACITOR SMD	4.7nF 50V K	C909	VE-30016654	CAPACITOR SMD	100nF 16V K R
C766	VE-30016654	CAPACITOR SMD	100nF 16V K R	C910	VE-30000354	E CAPACITOR	100uF 35V M
C767	VE-30012607	CAPACITOR SMD	150pF 50V J	C911	VE-30012582	CAPACITOR SMD	10nF 50V K R
C768	VE-30012607	CAPACITOR SMD	150pF 50V J	C912	VE-30000359	E CAPACITOR	1000uF 16V M
C769	VE-30000371	E CAPACITOR	22uF 50V M	C913	VE-30016654	CAPACITOR SMD	100nF 16V K R
C770	VE-30000371	E CAPACITOR	22uF 50V M	C915	VE-30016654	CAPACITOR SMD	100nF 16V K R
C771	VE-30000315	CAPACITOR SMD	220nF 25V Z	C916	VE-30016654	CAPACITOR SMD	100nF 16V K R
C772	VE-30012581	CAPACITOR SMD	1nF 50V K R	C917	VE-30000371	E CAPACITOR	22uF 50V M
C773	VE-30000315	CAPACITOR SMD	220nF 25V Z	C918	VE-30000371	E CAPACITOR	22uF 50V M
C774	VE-30012581	CAPACITOR SMD	1nF 50V K R	C919	VE-30016654	CAPACITOR SMD	100nF 16V K R
C775	VE-30000345	E CAPACITOR	10uF 50V M	C920	VE-30000354	E CAPACITOR	100uF 35V M
C776	VE-30000294	CAPACITOR SMD	100nF 50V K	C921	VE-30012582	CAPACITOR SMD	10nF 50V K R

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C922	VE-30000359	E CAPACITOR	1000uF 16V M	R167	VE-30020529	FERRITE SMD	
C923	VE-30016654	CAPACITOR SMD	100nF 16V K R	R168	VE-30012641	RESISTOR SMD	1/16W 10K J
C924	VE-30012576	CAPACITOR SMD	56pF 50V J CH	R169	VE-30012641	RESISTOR SMD	1/16W 10K J
C925	VE-30012560	CAPACITOR SMD	100pF 50V J	R170	VE-30012641	RESISTOR SMD	1/16W 10K J
C926	VE-30000371	E CAPACITOR	22uF 50V M	R172	VE-30012641	RESISTOR SMD	1/16W 10K J
C927	VE-30000294	CAPACITOR SMD	100nF 50V K	R173	VE-30012641	RESISTOR SMD	1/16W 10K J
C928	VE-30000345	E CAPACITOR	10uF 50V M	R174	VE-30012641	RESISTOR SMD	1/16W 10K J
C929	VE-30000294	CAPACITOR SMD	100nF 50V K	R175	VE-30012641	RESISTOR SMD	1/16W 10K J
C930	VE-30000371	E CAPACITOR	22uF 50V M	R176	VE-30012641	RESISTOR SMD	1/16W 10K J
C932	VE-30000294	CAPACITOR SMD	100nF 50V K	R177	VE-30012641	RESISTOR SMD	1/16W 10K J
C933	VE-30000294	CAPACITOR SMD	100nF 50V K	R178	VE-30012641	RESISTOR SMD	1/16W 10K J
C934	VE-30031594	E CAPACITOR	2200uF 10V M	R179	VE-30012641	RESISTOR SMD	1/16W 10K J
C935	VE-30016654	CAPACITOR SMD	100nF 16V K R	R180	VE-30012641	RESISTOR SMD	1/16W 10K J
C936	VE-30016654	CAPACITOR SMD	100nF 16V K R	R181	VE-30012641	RESISTOR SMD	1/16W 10K J
C937	VE-30000371	E CAPACITOR	22uF 50V M	R182	VE-30012641	RESISTOR SMD	1/16W 10K J
C938	VE-30000352	E CAPACITOR	100uF 16V M	R183	VE-30012657	RESISTOR SMD	1/16W 1K J
C941	VE-30000294	CAPACITOR SMD	100nF 50V K	R184	VE-30012657	RESISTOR SMD	1/16W 1K J
				R185	VE-30012641	RESISTOR SMD	1/16W 10K J
R1	VE-30000689	RESISTOR CF	1/4W 3.9K J	R189	VE-30012657	RESISTOR SMD	1/16W 1K J
R1	VE-30012510	RESISTOR SMD	1/16W 100R J	R197	VE-30022083	RESISTOR SMD	1/16W 330R J
R2	VE-30000526	RESISTOR CF	1/4W 1.5K J	R300	VE-30012657	RESISTOR SMD	1/16W 1K J
R3	VE-30000770	RESISTOR CF	1/4W 680R J	R301	VE-30018409	RESISTOR SARRAY	1/16W 330R J
R4	VE-30000712	RESISTOR CF	1/4W 470R J	R302	VE-30018409	RESISTOR SARRAY	1/16W 330R J
R5	VE-30000622	RESISTOR CF	1/4W 270R J	R303	VE-30018409	RESISTOR SARRAY	1/16W 330R J
R100	VE-30012713	RESISTOR SMD	1/16W 75R J	R304	VE-30018409	RESISTOR SARRAY	1/16W 330R J
R100	VE-30014128	RESISTOR SMD	1/16W 33R J	R305	VE-30018409	RESISTOR SARRAY	1/16W 330R J
R101	VE-30012713	RESISTOR SMD	1/16W 75R J	R306	VE-30018409	RESISTOR SARRAY	1/16W 330R J
R101	VE-30014128	RESISTOR SMD	1/16W 33R J	R307	VE-30018409	RESISTOR SARRAY	1/16W 330R J
R102	VE-30012641	RESISTOR SMD	1/16W 10K J	R308	VE-30012657	RESISTOR SMD	1/16W 1K J
R102	VE-30012713	RESISTOR SMD	1/16W 75R J	R309	VE-30012669	RESISTOR SMD	1/16W 22K J
R103	VE-30012641	RESISTOR SMD	1/16W 10K J	R310	VE-30012510	RESISTOR SMD	1/16W 100R J
R103	VE-30012713	RESISTOR SMD	1/16W 75R J	R311	VE-30012510	RESISTOR SMD	1/16W 100R J
R104	VE-30000594	RESISTOR CF	1/4W 22K J	R312	VE-30012510	RESISTOR SMD	1/16W 100R J
R104	VE-30012713	RESISTOR SMD	1/16W 75R J	R313	VE-30012679	RESISTOR SMD	1/16W 3.9K J
R105	VE-30000466	RESISTOR CF	1/4W 1K J	R314	VE-30012679	RESISTOR SMD	1/16W 3.9K J
R105	VE-30012641	RESISTOR SMD	1/16W 10K J	R315	VE-30012692	RESISTOR SMD	1/16W 4.7K J
R106	VE-30000594	RESISTOR CF	1/4W 22K J	R316	VE-30012679	RESISTOR SMD	1/16W 3.9K J
R106	VE-30012641	RESISTOR SMD	1/16W 10K J	R317	VE-30012650	RESISTOR SMD	1/16W 15K J
R107	VE-30000466	RESISTOR CF	1/4W 1K J	R318	VE-30012659	RESISTOR SMD	1/16W 2.2K J
R107	VE-30012510	RESISTOR SMD	1/16W 100R J	R319	VE-30012692	RESISTOR SMD	1/16W 4.7K J
R108	VE-30000650	RESISTOR CF	1/4W 33R J	R320	VE-30012659	RESISTOR SMD	1/16W 2.2K J
R108	VE-30012510	RESISTOR SMD	1/16W 100R J	R321	VE-30012692	RESISTOR SMD	1/16W 4.7K J
R109	VE-30000650	RESISTOR CF	1/4W 33R J	R322	VE-30012695	RESISTOR SMD	1/16W 470R J
R109	VE-30012692	RESISTOR SMD	1/16W 4.7K J	R323	VE-30012987	RESISTOR SMD	1/16W 56R J
R110	VE-30000594	RESISTOR CF	1/4W 22K J	R324	VE-30012692	RESISTOR SMD	1/16W 4.7K J
R110	VE-30012692	RESISTOR SMD	1/16W 4.7K J	R325	VE-30012695	RESISTOR SMD	1/16W 470R J
R111	VE-30000712	RESISTOR CF	1/4W 470R J	R326	VE-30012695	RESISTOR SMD	1/16W 470R J
R111	VE-30012510	RESISTOR SMD	1/16W 100R J	R327	VE-30012695	RESISTOR SMD	1/16W 470R J
R112	VE-30000594	RESISTOR CF	1/4W 22K J	R328	VE-30012685	RESISTOR SMD	1/16W 33K J
R113	VE-30000712	RESISTOR CF	1/4W 470R J	R329	VE-30012685	RESISTOR SMD	1/16W 33K J
R114	VE-30000594	RESISTOR CF	1/4W 22K J	R330	VE-30012685	RESISTOR SMD	1/16W 33K J
R115	VE-30000712	RESISTOR CF	1/4W 470R J	R331	VE-30012685	RESISTOR SMD	1/16W 33K J
R121	VE-30012677	RESISTOR SMD	1/16W 3.3K J	R332	VE-30012510	RESISTOR SMD	1/16W 100R J
R122	VE-30012510	RESISTOR SMD	1/16W 100R J	R333	VE-30012510	RESISTOR SMD	1/16W 100R J
R123	VE-30012510	RESISTOR SMD	1/16W 100R J	R334	VE-30012705	RESISTOR SMD	1/16W 6.8K J
R127	VE-30012641	RESISTOR SMD	1/16W 10K J	R335	VE-30012705	RESISTOR SMD	1/16W 6.8K J
R128	VE-30012641	RESISTOR SMD	1/16W 10K J	R336	VE-30012692	RESISTOR SMD	1/16W 4.7K J
R130	VE-30030692	FERRITE NET		R337	VE-30012692	RESISTOR SMD	1/16W 4.7K J
R131	VE-30030692	FERRITE NET		R339	VE-30012509	RESISTOR SMD	1/16W 100K J
R132	VE-30030692	FERRITE NET		R340	VE-30012692	RESISTOR SMD	1/16W 4.7K J
R133	VE-30030692	FERRITE NET		R341	VE-30012644	RESISTOR SMD	1/16W 12K J
R134	VE-30030692	FERRITE NET		R342	VE-30012668	RESISTOR SMD	1/16W 220R J
R135	VE-30030692	FERRITE NET		R343	VE-30012668	RESISTOR SMD	1/16W 220R J
R136	VE-30012506	RESISTOR SMD	1/16W 1.5K J	R344	VE-30012657	RESISTOR SMD	1/16W 1K J
R137	VE-30012506	RESISTOR SMD	1/16W 1.5K J	R345	VE-30012669	RESISTOR SMD	1/16W 22K J
R138	VE-30012506	RESISTOR SMD	1/16W 1.5K J	R346	VE-30012657	RESISTOR SMD	1/16W 1K J
R139	VE-30012657	RESISTOR SMD	1/16W 1K J	R347	VE-30014022	RESISTOR SMD	1/16W 47R J
R141	VE-30012641	RESISTOR SMD	1/16W 10K J	R348	VE-30012655	RESISTOR SMD	1/16W 180R J
R142	VE-30012657	RESISTOR SMD	1/16W 1K J	R349	VE-30014022	RESISTOR SMD	1/16W 47R J
R143	VE-30012657	RESISTOR SMD	1/16W 1K J	R350	VE-30012692	RESISTOR SMD	1/16W 4.7K J
R145	VE-30012510	RESISTOR SMD	1/16W 100R J	R352	VE-30012669	RESISTOR SMD	1/16W 22K J
R146	VE-30012510	RESISTOR SMD	1/16W 100R J	R353	VE-30012641	RESISTOR SMD	1/16W 10K J
R147	VE-30012510	RESISTOR SMD	1/16W 100R J	R354	VE-30012692	RESISTOR SMD	1/16W 4.7K J
R148	VE-30012510	RESISTOR SMD	1/16W 100R J	R355	VE-30012659	RESISTOR SMD	1/16W 2.2K J
R149	VE-30012641	RESISTOR SMD	1/16W 10K J	R356	VE-30012669	RESISTOR SMD	1/16W 22K J
R150	VE-30012657	RESISTOR SMD	1/16W 1K J	R357	VE-30012692	RESISTOR SMD	1/16W 4.7K J
R151	VE-30012657	RESISTOR SMD	1/16W 1K J	R358	VE-30012695	RESISTOR SMD	1/16W 470R J
R152	VE-30012655	RESISTOR SMD	1/16W 180R J	R359	VE-30012659	RESISTOR SMD	1/16W 2.2K J
R156	VE-30017653	RESISTOR SARRAY	1/16W 47RX4 J	R360	VE-30012506	RESISTOR SMD	1/16W 1.5K J
R157	VE-30017653	RESISTOR SARRAY	1/16W 47RX4 J	R361	VE-30012657	RESISTOR SMD	1/16W 1K J
R158	VE-30017653	RESISTOR SARRAY	1/16W 47RX4 J	R362	VE-30012982	RESISTOR SMD	1/16W 10R J
R159	VE-30017653	RESISTOR SARRAY	1/16W 47RX4 J	R363	VE-30012695	RESISTOR SMD	1/16W 470R J
R160	VE-30017653	RESISTOR SARRAY	1/16W 47RX4 J	R364	VE-30012695	RESISTOR SMD	1/16W 470R J
R161	VE-30017653	RESISTOR SARRAY	1/16W 47RX4 J	R368	VE-30012692	RESISTOR SMD	1/16W 4.7K J
R162	VE-30012509	RESISTOR SMD	1/16W 100K J	R369	VE-30012692	RESISTOR SMD	1/16W 4.7K J
R165	VE-30025836	FERRITE NET		R370	VE-30012669	RESISTOR SMD	1/16W 22K J
R166	VE-30025836	FERRITE NET		R371	VE-30012657	RESISTOR SMD	1/16W 1K J

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
R372	VE-30014022	RESISTOR SMD	1/16W 47R J	R601	VE-30012713	RESISTOR SMD	1/16W 75R J
R373	VE-30012655	RESISTOR SMD	1/16W 180R J	R602	VE-30012510	RESISTOR SMD	1/16W 100R J
R374	VE-30012692	RESISTOR SMD	1/16W 4.7K J	R603	VE-30012510	RESISTOR SMD	1/16W 100R J
R375	VE-30012684	RESISTOR SMD	1/16W 330R J	R604	VE-30012982	RESISTOR SMD	1/16W 10R J
R376	VE-30012692	RESISTOR SMD	1/16W 4.7K J	R605	VE-30012695	RESISTOR SMD	1/16W 470R J
R377	VE-30012684	RESISTOR SMD	1/16W 330R J	R606	VE-30012641	RESISTOR SMD	1/16W 10K J
R378	VE-30012684	RESISTOR SMD	1/16W 330R J	R607	VE-30012692	RESISTOR SMD	1/16W 4.7K J
R379	VE-30012510	RESISTOR SMD	1/16W 100R J	R608	VE-30012713	RESISTOR SMD	1/16W 75R J
R380	VE-30012669	RESISTOR SMD	1/16W 22K J	R609	VE-30012982	RESISTOR SMD	1/16W 10R J
R381	VE-30012657	RESISTOR SMD	1/16W 1K J	R610	VE-30012695	RESISTOR SMD	1/16W 470R J
R382	VE-30012982	RESISTOR SMD	1/16W 10R J	R611	VE-30012641	RESISTOR SMD	1/16W 10K J
R383	VE-30012650	RESISTOR SMD	1/16W 15K J	R612	VE-30012692	RESISTOR SMD	1/16W 4.7K J
R384	VE-30012679	RESISTOR SMD	1/16W 3.9K J	R613	VE-30012713	RESISTOR SMD	1/16W 75R J
R385	VE-30012692	RESISTOR SMD	1/16W 4.7K J	R614	VE-30000797	RESISTOR SMD	1/10W 75R J
R386	VE-30012506	RESISTOR SMD	1/16W 1.5K J	R615	VE-30012713	RESISTOR SMD	1/16W 75R J
R387	VE-30012506	RESISTOR SMD	1/16W 1.5K J	R617	VE-30012713	RESISTOR SMD	1/16W 75R J
R388	VE-30012641	RESISTOR SMD	1/16W 10K J	R618	VE-30012982	RESISTOR SMD	1/16W 10R J
R389	VE-30012641	RESISTOR SMD	1/16W 10K J	R619	VE-30012695	RESISTOR SMD	1/16W 470R J
R390	VE-30012692	RESISTOR SMD	1/16W 4.7K J	R620	VE-30012641	RESISTOR SMD	1/16W 10K J
R391	VE-30012696	RESISTOR SMD	1/16W 47K J	R621	VE-30012692	RESISTOR SMD	1/16W 4.7K J
R392	VE-30012696	RESISTOR SMD	1/16W 47K J	R622	VE-30012713	RESISTOR SMD	1/16W 75R J
R393	VE-30012510	RESISTOR SMD	1/16W 100R J	R623	VE-30012713	RESISTOR SMD	1/16W 75R J
R394	VE-30012641	RESISTOR SMD	1/16W 10K J	R625	VE-30012982	RESISTOR SMD	1/16W 10R J
R395	VE-30012684	RESISTOR SMD	1/16W 330R J	R626	VE-30012695	RESISTOR SMD	1/16W 470R J
R396	VE-30012684	RESISTOR SMD	1/16W 330R J	R627	VE-30012641	RESISTOR SMD	1/16W 10K J
R397	VE-30012692	RESISTOR SMD	1/16W 4.7K J	R628	VE-30012692	RESISTOR SMD	1/16W 4.7K J
R399	VE-30012692	RESISTOR SMD	1/16W 4.7K J	R629	VE-30012713	RESISTOR SMD	1/16W 75R J
R400	VE-30012713	RESISTOR SMD	1/16W 75R J	R630	VE-30000797	RESISTOR SMD	1/10W 75R J
R401	VE-30012713	RESISTOR SMD	1/16W 75R J	R631	VE-30012713	RESISTOR SMD	1/16W 75R J
R402	VE-30012713	RESISTOR SMD	1/16W 75R J	R632	VE-30012509	RESISTOR SMD	1/16W 100K J
R404	VE-30012713	RESISTOR SMD	1/16W 75R J	R633	VE-30012509	RESISTOR SMD	1/16W 100K J
R405	VE-30012713	RESISTOR SMD	1/16W 75R J	R634	VE-30012509	RESISTOR SMD	1/16W 100K J
R406	VE-30012713	RESISTOR SMD	1/16W 75R J	R635	VE-30012509	RESISTOR SMD	1/16W 100K J
R407	VE-30012510	RESISTOR SMD	1/16W 100R J	R636	VE-30012509	RESISTOR SMD	1/16W 100K J
R408	VE-30012510	RESISTOR SMD	1/16W 100R J	R637	VE-30012509	RESISTOR SMD	1/16W 100K J
R409	VE-30012713	RESISTOR SMD	1/16W 75R J	R700	VE-30012641	RESISTOR SMD	1/16W 10K J
R410	VE-30012644	RESISTOR SMD	1/16W 12K J	R701	VE-30012641	RESISTOR SMD	1/16W 10K J
R411	VE-30012669	RESISTOR SMD	1/16W 22K J	R702	VE-30012510	RESISTOR SMD	1/16W 100R J
R412	VE-30014078	RESISTOR SMD	1/16W 22R J	R703	VE-30012510	RESISTOR SMD	1/16W 100R J
R413	VE-30012657	RESISTOR SMD	1/16W 1K J	R704	VE-30012692	RESISTOR SMD	1/16W 4.7K J
R414	VE-30012713	RESISTOR SMD	1/16W 75R J	R705	VE-30012712	RESISTOR SMD	1/16W 8.2K J
R415	VE-30012510	RESISTOR SMD	1/16W 100R J	R706	VE-30012641	RESISTOR SMD	1/16W 10K J
R416	VE-30018254	RESISTOR SARRAY	1/16W 10R J	R707	VE-30012712	RESISTOR SMD	1/16W 8.2K J
R417	VE-30018254	RESISTOR SARRAY	1/16W 10R J	R708	VE-30012665	RESISTOR SMD	1/16W 20K J
R425	VE-30012695	RESISTOR SMD	1/16W 470R J	R709	VE-30012665	RESISTOR SMD	1/16W 20K J
R426	VE-30012695	RESISTOR SMD	1/16W 470R J	R710	VE-30012641	RESISTOR SMD	1/16W 10K J
R427	VE-30012695	RESISTOR SMD	1/16W 470R J	R711	VE-30012510	RESISTOR SMD	1/16W 100R J
R431	VE-30012657	RESISTOR SMD	1/16W 1K J	R712	VE-30012657	RESISTOR SMD	1/16W 1K J
R432	VE-30012657	RESISTOR SMD	1/16W 1K J	R713	VE-30012657	RESISTOR SMD	1/16W 1K J
R434	VE-30012657	RESISTOR SMD	1/16W 1K J	R714	VE-30012702	RESISTOR SMD	1/16W 560R J
R437	VE-30012713	RESISTOR SMD	1/16W 75R J	R715	VE-30012702	RESISTOR SMD	1/16W 560R J
R438	VE-30012713	RESISTOR SMD	1/16W 75R J	R716	VE-30012702	RESISTOR SMD	1/16W 560R J
R439	VE-30012713	RESISTOR SMD	1/16W 75R J	R717	VE-30012702	RESISTOR SMD	1/16W 560R J
R440	VE-30012641	RESISTOR SMD	1/16W 10K J	R718	VE-30012657	RESISTOR SMD	1/16W 1K J
R441	VE-30012641	RESISTOR SMD	1/16W 10K J	R719	VE-30012657	RESISTOR SMD	1/16W 1K J
R442	VE-30012641	RESISTOR SMD	1/16W 10K J	R723	VE-30012713	RESISTOR SMD	1/16W 75R J
R443	VE-30012641	RESISTOR SMD	1/16W 10K J	R724	VE-30012713	RESISTOR SMD	1/16W 75R J
R450	VE-30012659	RESISTOR SMD	1/16W 2.2K J	R725	VE-30012713	RESISTOR SMD	1/16W 75R J
R454	VE-30012692	RESISTOR SMD	1/16W 4.7K J	R726	VE-30012657	RESISTOR SMD	1/16W 1K J
R456	VE-30012510	RESISTOR SMD	1/16W 100R J	R727	VE-30012657	RESISTOR SMD	1/16W 1K J
R457	VE-30012510	RESISTOR SMD	1/16W 100R J	R729	VE-30012713	RESISTOR SMD	1/16W 75R J
R503	VE-30012510	RESISTOR SMD	1/16W 100R J	R731	VE-30012713	RESISTOR SMD	1/16W 75R J
R504	VE-30012510	RESISTOR SMD	1/16W 100R J	R732	VE-30012713	RESISTOR SMD	1/16W 75R J
R505	VE-30012510	RESISTOR SMD	1/16W 100R J	R734	VE-30012510	RESISTOR SMD	1/16W 100R J
R506	VE-30012510	RESISTOR SMD	1/16W 100R J	R735	VE-30012510	RESISTOR SMD	1/16W 100R J
R507	VE-30012698	RESISTOR SMD	1/16W 5.6K J	R736	VE-30012657	RESISTOR SMD	1/16W 1K J
R508	VE-30012510	RESISTOR SMD	1/16W 100R J	R737	VE-30012657	RESISTOR SMD	1/16W 1K J
R509	VE-30012641	RESISTOR SMD	1/16W 10K J	R738	VE-30012657	RESISTOR SMD	1/16W 1K J
R510	VE-30012644	RESISTOR SMD	1/16W 12K J	R739	VE-30012657	RESISTOR SMD	1/16W 1K J
R511	VE-30012696	RESISTOR SMD	1/16W 47K J	R740	VE-30012657	RESISTOR SMD	1/16W 1K J
R512	VE-30012684	RESISTOR SMD	1/16W 330R J	R741	VE-30012657	RESISTOR SMD	1/16W 1K J
R513	VE-30012713	RESISTOR SMD	1/16W 75R J	R742	VE-30012642	RESISTOR SMD	1/16W 120K J
R514	VE-30012669	RESISTOR SMD	1/16W 22K J	R743	VE-30012644	RESISTOR SMD	1/16W 12K J
R515	VE-30012669	RESISTOR SMD	1/16W 22K J	R744	VE-30012696	RESISTOR SMD	1/16W 47K J
R516	VE-30012695	RESISTOR SMD	1/16W 470R J	R745	VE-30012689	RESISTOR SMD	1/16W 39K J
R517	VE-30012659	RESISTOR SMD	1/16W 2.2K J	R746	VE-30012674	RESISTOR SMD	1/16W 27K J
R518	VE-30012510	RESISTOR SMD	1/16W 100R J	R747	VE-30012713	RESISTOR SMD	1/16W 75R J
R522	VE-30012685	RESISTOR SMD	1/16W 33K J	R748	VE-30012713	RESISTOR SMD	1/16W 75R J
R523	VE-30012677	RESISTOR SMD	1/16W 3.3K J	R749	VE-30012668	RESISTOR SMD	1/16W 220R J
R524	VE-30012643	RESISTOR SMD	1/16W 120R J	R751	VE-30012510	RESISTOR SMD	1/16W 100R J
R525	VE-30012707	RESISTOR SMD	1/16W 680R J	R752	VE-30012657	RESISTOR SMD	1/16W 1K J
R527	VE-30012705	RESISTOR SMD	1/16W 6.8K J	R753	VE-30012641	RESISTOR SMD	1/16W 10K J
R528	VE-30012574	CAPACITOR SMD	470pF 50V J	R754	VE-30012641	RESISTOR SMD	1/16W 10K J
R529	VE-30012982	RESISTOR SMD	1/16W 10R J	R756	VE-30012641	RESISTOR SMD	1/16W 10K J
R530	VE-30014022	RESISTOR SMD	1/16W 47R J	R757	VE-30012641	RESISTOR SMD	1/16W 10K J
R531	VE-30012692	RESISTOR SMD	1/16W 4.7K J	R759	VE-30012692	RESISTOR SMD	1/16W 4.7K J
R600	VE-30012713	RESISTOR SMD	1/16W 75R J	R760	VE-30012641	RESISTOR SMD	1/16W 10K J

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
R761	VE-30010560	CAPACITOR SMD	220nF 25V K R	L710	VE-30006712	FERRITE BEAD	
R762	VE-30012713	RESISTOR SMD	1/16W 75R J	L711	VE-30013412	FERRITE SMD	
R763	VE-30012692	RESISTOR SMD	1/16W 4.7K J	L712	VE-30013412	FERRITE SMD	
R764	VE-30012657	RESISTOR SMD	1/16W 1K J	L713	VE-30001971	FERRITE SMD	
R765	VE-30012641	RESISTOR SMD	1/16W 10K J	L714	VE-30001971	FERRITE SMD	
R766	VE-30012509	RESISTOR SMD	1/16W 100K J	L715	VE-30001971	FERRITE SMD	
R767	VE-30012509	RESISTOR SMD	1/16W 100K J	L716	VE-30001971	FERRITE SMD	
R768	VE-30012509	RESISTOR SMD	1/16W 100K J	L717	VE-30001971	FERRITE SMD	
R769	VE-30012509	RESISTOR SMD	1/16W 100K J	L718	VE-30024779	FERRITE SMD	
R770	VE-30012641	RESISTOR SMD	1/16W 10K J	L719	VE-30024779	FERRITE SMD	
R771	VE-30012641	RESISTOR SMD	1/16W 10K J	L721	VE-30024779	FERRITE SMD	
R778	VE-30012641	RESISTOR SMD	1/16W 10K J	L722	VE-30024779	FERRITE SMD	
R779	VE-30012509	RESISTOR SMD	1/16W 100K J	L723	VE-30001971	FERRITE SMD	
R780	VE-30012669	RESISTOR SMD	1/16W 22K J	L724	VE-30013412	FERRITE SMD	
R784	VE-30010560	CAPACITOR SMD	220nF 25V K R	L725	VE-30013412	FERRITE SMD	
R785	VE-30010560	CAPACITOR SMD	220nF 25V K R	L726	VE-30001971	FERRITE SMD	
R786	VE-30012713	RESISTOR SMD	1/16W 75R J	L727	VE-30001971	FERRITE SMD	
R787	VE-30012713	RESISTOR SMD	1/16W 75R J	L728	VE-30001971	FERRITE SMD	
R788	VE-30012657	RESISTOR SMD	1/16W 1K J	L729	VE-30001971	FERRITE SMD	
R800	VE-30012692	RESISTOR SMD	1/16W 4.7K J	L734	VE-30001971	FERRITE SMD	
R801	VE-30014128	RESISTOR SMD	1/16W 33R J	L800	VE-30018093	FIXED COIL SMD	
R901	VE-30012641	RESISTOR SMD	1/16W 10K J	L801	VE-30002170	FERRITE CORE	
R902	VE-30012509	RESISTOR SMD	1/16W 100K J	L802	VE-30020394	FERRITE SMD	
R903	VE-30012641	RESISTOR SMD	1/16W 10K J	L803	VE-30020394	FERRITE SMD	
R904	VE-30012641	RESISTOR SMD	1/16W 10K J	L805	VE-30001971	FERRITE SMD	
R907	VE-30012510	RESISTOR SMD	1/16W 100R J	L900	VE-30002170	FERRITE CORE	
R908	VE-30012510	RESISTOR SMD	1/16W 100R J	L901	VE-30019475	FIXED COIL	47uH 2A RAD SH 14X16
R909	VE-30012677	RESISTOR SMD	1/16W 3.3K J	L903	VE-30002170	FERRITE CORE	
R910	VE-30012510	RESISTOR SMD	1/16W 100R J	L904	VE-30019475	FIXED COIL	47uH 2A RAD SH 14X16
R911	VE-30012510	RESISTOR SMD	1/16W 100R J	L906	VE-30001996	FIXED COIL	22uH Q40 K
R912	VE-30012655	RESISTOR SMD	1/16W 180R J	L907	VE-30002170	FERRITE CORE	
R913	VE-30012659	RESISTOR SMD	1/16W 2.2K J	L908	VE-30019475	FIXED COIL	47uH 2A RAD SH 14X16
R915	VE-30012703	RESISTOR SMD	1/16W 56K J	L910	VE-30002002	FIXED COIL	47uH Q60 K
R916	VE-30000833	RESISTOR SMD	1/10W 91R J	L911	VE-30011450	FIXED COIL	22uH 5.4A RAD 11.5*15.5
R917	VE-30000833	RESISTOR SMD	1/10W 91R J				
R918	VE-30012705	RESISTOR SMD	1/16W 6.8K J	△F900	VE-30018031	FUSE	4A/24VDC UF 1206
R919	VE-30000833	RESISTOR SMD	1/10W 91R J	△F901	VE-30028331	FUSE	7A/32VDC 1206
R920	VE-30000717	RESISTOR SMD	1/10W 470R J	JK100	VE-30001900	HEADPHONE JACK	HP01/2/3/4/5/6
R921	VE-30006462	RESISTOR SMD	1/10W 22R J	JK101	VE-30001893	RCA JACK	1P YELLOW 28 FAV
R922	VE-30012641	RESISTOR SMD	1/16W 10K J	JK102	VE-30001891	RCA JACK	1P WHITE 28 FAV
R923	VE-30012641	RESISTOR SMD	1/16W 10K J	JK103	VE-30001892	RCA JACK	1P RED 28 FAV
R924	VE-30012641	RESISTOR SMD	1/16W 10K J	JK104	VE-30001895	JACK	4P DIN TYPE FOR SVHS
R925	VE-30012641	RESISTOR SMD	1/16W 10K J	JK105	VE-30001891	RCA JACK	1P WHITE 28 FAV
R926	VE-30012641	RESISTOR SMD	1/16W 10K J	JK106	VE-30001892	RCA JACK	1P RED 28 FAV
R927	VE-30012641	RESISTOR SMD	1/16W 10K J	JK107	VE-30033200	RCA JACK	1P BLACK 28 FAV
R928	VE-30012641	RESISTOR SMD	1/16W 10K J	JK700	VE-30001902	HEADPHONE JACK	STEREO WO/SW
R929	VE-30012642	RESISTOR SMD	1/16W 120K J	JK702	VE-30001891	RCA JACK	1P WHITE 28 FAV
				JK703	VE-30001892	RCA JACK	1P RED 28 FAV
L100	VE-30001996	FIXED COIL	22uH Q40 K	JK704	VE-30001892	RCA JACK	1P RED 28 FAV
L101	VE-30001971	FERRITE SMD		JK705	VE-30032233	RCA JACK	1P GREEN 28 FAV
L102	VE-30001996	FIXED COIL	22uH Q40 K	JK706	VE-30032234	RCA JACK	1P BLUE 28 FAV
L103	VE-30001979	FIXED COIL	1uH Q45 M-A	JK901	VE-30027932	DC POWER SOCKET 7.5A	
L104	VE-30001979	FIXED COIL	1uH Q45 M-A	PL101	VE-30032051	D SOCKET	D-SUB 15P FOR TFT
L104	VE-30001971	FERRITE SMD		S100	VE-30006712	FERRITE BEAD	
L105	VE-30001971	FERRITE SMD		S102	VE-30006712	FERRITE BEAD	
L109	VE-30001971	FERRITE SMD		S103	VE-30006712	FERRITE BEAD	
L110	VE-30001971	FERRITE SMD		S104	VE-30006712	FERRITE BEAD	
L111	VE-30001971	FERRITE SMD		S105	VE-30006712	FERRITE BEAD	
L113	VE-30020896	FERRITE SMD		S106	VE-30006712	FERRITE BEAD	
L300	VE-30017143	FIXED COIL SMD		S730	VE-30012695	RESISTOR SMD	1/16W 470R J
L301	VE-30018093	FIXED COIL SMD		SW1	VE-30002181	TACT SWITCH	
L302	VE-30018093	FIXED COIL SMD		SW2	VE-30002181	TACT SWITCH	
L303	VE-30018093	FIXED COIL SMD		SW3	VE-30002181	TACT SWITCH	
L304	VE-30001990	FIXED COIL	6.8uH Q75 K	SW4	VE-30002181	TACT SWITCH	
L305	VE-30001990	FIXED COIL	6.8uH Q75 K	SW5	VE-30002181	TACT SWITCH	
L306	VE-30001971	FERRITE SMD		SW7	VE-30002181	TACT SWITCH	
L307	VE-30006712	FERRITE BEAD		SW17	VE-30002181	TACT SWITCH	
L308	VE-30002170	FERRITE CORE		△TU500	VE-30020654	TUNER WSP (PLL)	
L309	VE-30001971	FERRITE SMD		X100	VE-30017946	CLYSTRAL	14.318 MHZ
L401	VE-30001971	FERRITE SMD		X300	VE-30006662	CLYSTRAL	6.000 20p HC49U
L402	VE-30001971	FERRITE SMD		X400	VE-30008778	CLYSTRAL	20.250 13p HC49U
L408	VE-30001971	FERRITE SMD		X500	VE-30021113	CLYSTRAL	4MHZ LOW PROFILE
L409	VE-30001996	FIXED COIL	22uH Q40 K	X700	VE-30001756	CLYSTRAL	18.432 12p HC49U
L501	VE-30001971	FERRITE SMD		Z101	VE-30017312	CABL 1P/450 DIS UL1672AWG22	
L502	VE-30001971	FERRITE SMD		Z500	VE-30001692	SAW FILTER	OFWK3953M
L503	VE-30001971	FERRITE SMD		Z501	VE-30012545	SAW FILTER	K9656M
L504	VE-30001996	FIXED COIL	22uH Q40 K				
L600	VE-30017143	FIXED COIL SMD					
L700	VE-30001971	FERRITE SMD					
L701	VE-30001971	FERRITE SMD					
L702	VE-30001971	FERRITE SMD					
L703	VE-30001971	FERRITE SMD					
L704	VE-30001971	FERRITE SMD					
L705	VE-30001971	FERRITE SMD					
L707	VE-30001971	FERRITE SMD					
L708	VE-30001971	FERRITE SMD					
L709	VE-30001971	FERRITE SMD					

PACKING



PACKING PARTS LIST

△	Ref.No.	Part No.	Part Name	Description	Local
	1	VE-20182808	CARTON BOX		LT-23C50BJ
	1	VE-20185661	CARTON BOX	For Germany	LT-23C50BU
	1	VE-20185671	CARTON BOX	For Italy	LT-23C50BU
	1	VE-20185852	CARTON BOX		LT-23C50BU/Z
	1	VE-20185825	CARTON BOX		LT-23C50SU
	1	VE-20185663	CARTON BOX		LT-23C50SU/Z
	1	VE-20185816	CARTON BOX		LT-23C88SJ
	2	VE-20176628	SNOW BOX ASSY		
	3	VE-30034032	REMOTE CONTROL UNIT	RM-C1860	
△	4	VE-30030071	AC ADPTER	24VDC 6A C14 4PO W/PFC SAFE-PKG	
△	5	VE-50058107	INST BOOK	English	LT-23C50BJ
△	6	VE-50059360	INST BOOK	Russian/Romanian/Czech/Polish/Hungarian/Bulgarian	LT-23C50BU,LT-23C50SU
△	7	VE-50059358	INST BOOK	German/French/English/Spanish/Portuguese/Italian/Dutch	LT-23C50BU,LT-23C50SU,LT-23C50BU/Z,LT-23C50SU/Z
△	8	VE-50059359	INST BOOK	Danish/Finn/Norwegian/Swedish	LT-23C50BU,LT-23C50SU
△	9	VE-50059427	INST BOOK	English	LT-23C88SJ
△	10	VE-30035135	POWER CORD	For AC ADAPTER	LT-23C50BU/Z,LT-23C50SU/Z
△	11	VE-30024540	POWER CORD	For AC ADAPTER	LT-23C50BU,LT-23C50SU
△	12	VE-30028238	POWER CORD	For AC ADAPTER	LT-23C50BJ,LT-23C88SJ
	13	-----	WARANTY CARD	BT-54023-1E	
	14	-----	BATTERY	AA/R06(x2)	
	15	VE-50018337	POLY BAG		